



* * * 突出し計算書 * * *

| | | | | |
|-------------|-------------|-------------|-------------|-------------|
| NO. | | | | |
| 視準点名 | 1 | | 2 | |
| | MKB25 | | MKB28 | |
| | 方向角 1 | 168-45-15 | | 351- 1- 9 |
| 観測点名 | MKB31 | | MKB31 | |
| | 観測角 | 245-52-30 | | 112-12-30 |
| 求点名 | 15-13 | | 15-23 | |
| | 方向角 2 | 54-37-45 | | 103-13-39 |
| 距離 | 23.095 | | 20.541 | |
| COS & SIN | + 0.578866 | + 0.815423 | - 0.228818 | + 0.973469 |
| X 1 . Y 1 = | -146810.667 | - 53439.433 | -146810.667 | - 53439.433 |
| DX . DY = | + 13.369 | + 18.832 | - 4.700 | + 19.996 |
| X 2 . Y 2 = | -146797.298 | - 53420.601 | -146815.367 | - 53419.437 |

* * * 線上計算書 * * * (15-6) - (15-7) NO 1

方向角 = 176-15-5 COS= -0.997861 SIN= +0.065379 修正率 = 1.0000342

| 点名 | 観測距離 | 修正距離 | D X | X 配布 | D Y | Y 配布 | X | Y |
|-------|--------|--------|----------|-------|-------|------|-------------|-------------|
| 15-6 | | | | | | | -146784.747 | - 53402.402 |
| 15-14 | 21.478 | 21.479 | - 21.433 | + 0 + | 1.404 | + 0 | -146806.180 | - 53400.998 |
| 15-7 | 37.008 | 37.009 | - 36.930 | + 0 + | 2.420 | + 0 | -146843.110 | - 53398.578 |
| 合計 = | 58.486 | 58.488 | - 58.363 | + 0 + | 3.824 | + 0 | - 58.363 | + 3.824 |

* * * 線上計算書 * * * (15-9) - (15-10) NO 2

方向角 = 263- 8-47 COS= -0.119333 SIN= -0.992854 修正率 = 0.9983125

| 点名 | 観測距離 | 修正距離 | D X | X 配布 | D Y | Y 配布 | X | Y |
|-------|-------|-------|---------|-------|-------|------|-------------|-------------|
| 15-9 | | | | | | | -146852.468 | - 53416.916 |
| 15-15 | 0.083 | 0.083 | - 0.010 | + 0 - | 0.082 | + 0 | -146852.478 | - 53416.998 |
| 15-10 | 2.880 | 2.875 | - 0.343 | + 0 - | 2.854 | - 1 | -146852.821 | - 53419.853 |
| 合計 = | 2.963 | 2.958 | - 0.353 | + 0 - | 2.936 | - 1 | - 0.353 | - 2.937 |

* * * 線上計算書 * * * (15-12) - (15-1) NO 3

方向角 = 356-14-37 COS= +0.997852 SIN= -0.065514 修正率 = 1.0000410

| 点名 | 観測距離 | 修正距離 | D X | X 配布 | D Y | Y 配布 | X | Y |
|-------|--------|--------|----------|-------|-------|------|-------------|-------------|
| 15-12 | | | | | | | -146848.634 | - 53436.281 |
| 15-16 | 29.666 | 29.667 | + 29.603 | + 0 - | 1.944 | + 0 | -146819.031 | - 53438.225 |
| 15-17 | 2.443 | 2.443 | + 2.438 | + 0 - | 0.160 | + 0 | -146816.593 | - 53438.385 |
| 15-18 | 18.100 | 18.101 | + 18.062 | + 1 - | 1.186 | + 1 | -146798.530 | - 53439.570 |
| 15-19 | 8.313 | 8.313 | + 8.295 | + 0 - | 0.545 | + 0 | -146790.235 | - 53440.115 |
| 15-1 | 14.728 | 14.729 | + 14.697 | + 0 - | 0.965 | + 0 | -146775.538 | - 53441.080 |
| 合計 = | 73.250 | 73.253 | + 73.095 | + 1 - | 4.800 | + 1 | + 73.096 | - 4.799 |

* * * 線上計算書 * * * (15-3) - (15-13) NO 4

方向角 = 176-13-53 COS= -0.997838 SIN= +0.065727 修正率 = 1.0000000

| 点名 | 観測距離 | 修正距離 | D X | X 配布 | D Y | Y 配布 | X | Y |
|-------|--------|--------|----------|-------|-------|------|-------------|-------------|
| 15-3 | | | | | | | -146772.750 | - 53422.218 |
| 15-20 | 13.287 | 13.287 | - 13.258 | + 0 + | 0.873 | + 0 | -146786.008 | - 53421.345 |
| 15-21 | 2.995 | 2.995 | - 2.989 | + 0 + | 0.197 | + 0 | -146788.997 | - 53421.148 |
| 15-13 | 8.319 | 8.319 | - 8.301 | + 0 + | 0.547 | + 0 | -146797.298 | - 53420.601 |

合計 = 24.601 24.601 - 24.548 + 0 + 1.617 + 0 - 24.548 + 1.617

* * * 線上計算書 * * * (15-13) - (15-23) N O 5

方向角 = 176-18-51 COS= -0.997932 SIN= +0.064286 修正率 = 1.0001657

| 点名 | 観測距離 | 修正距離 | D X | X 配布 | D Y | Y 配布 | X | Y |
|-------|--------|--------|----------|-------|-------|-------|-------------|-------------|
| 15-13 | | | | | | | -146797.298 | - 53420.601 |
| 15-22 | 10.112 | 10.114 | - 10.093 | - 1 + | 0.650 | + 0 | -146807.392 | - 53419.951 |
| 15-23 | 7.991 | 7.992 | - 7.975 | + 0 + | 0.514 | + 0 | -146815.367 | - 53419.437 |
| 合計 = | 18.103 | 18.106 | - 18.068 | - 1 + | 1.164 | + 0 - | 18.069 | + 1.164 |

* * * 線上計算書 * * * (15-23) - (15-15) N O 6

方向角 = 176-14-23 COS= -0.997847 SIN= +0.065582 修正率 = 1.0000000

| 点名 | 観測距離 | 修正距離 | D X | X 配布 | D Y | Y 配布 | X | Y |
|-------|--------|--------|----------|-------|-------|-------|-------------|-------------|
| 15-23 | | | | | | | -146815.367 | - 53419.437 |
| 15-24 | 2.443 | 2.443 | - 2.438 | + 0 + | 0.160 | + 0 | -146817.805 | - 53419.277 |
| 15-15 | 34.748 | 34.748 | - 34.673 | + 0 + | 2.279 | + 0 | -146852.478 | - 53416.998 |
| 合計 = | 37.191 | 37.191 | - 37.111 | + 0 + | 2.439 | + 0 - | 37.111 | + 2.439 |

* * * 方 向 角 · 距 離 計 算 書 * * *

| NO 1 | | | | NO 2 | | | | NO 3 | | | |
|-------------------------------|-------|--------------|-------------|-------------------------------|-------|--------------|-------------|-------------------------------|-------|--------------|-------------|
| 点名 | | X | Y | 点名 | | X | Y | 点名 | | X | Y |
| 1 | 15-3 | - 146772.750 | - 53422.218 | 1 | 15-13 | - 146797.298 | - 53420.601 | 1 | 15-23 | - 146815.367 | - 53419.437 |
| 2 | 15-13 | - 146797.298 | - 53420.601 | 2 | 15-23 | - 146815.367 | - 53419.437 | 2 | 15-15 | - 146852.478 | - 53416.998 |
| COS=- 0.997838 SIN=+ 0.065729 | | | | COS=- 0.997931 SIN=+ 0.064286 | | | | COS=- 0.997847 SIN=+ 0.065580 | | | |
| A L= 176-13-53 L = 24.601 | | | | A L= 176-18-51 L = 18.106 | | | | A L= 176-14-23 L = 37.191 | | | |

| NO 4 | | | | NO 5 | | | | NO 6 | | | |
|-------------------------------|-------|--------------|-------------|-------------------------------|-------|--------------|-------------|-------------------------------|-------|--------------|-------------|
| 点名 | | X | Y | 点名 | | X | Y | 点名 | | X | Y |
| 1 | 15-6 | - 146784.747 | - 53402.402 | 1 | 15-14 | - 146806.180 | - 53400.998 | 1 | 15-16 | - 146819.031 | - 53438.225 |
| 2 | 15-20 | - 146786.008 | - 53421.345 | 2 | 15-22 | - 146807.392 | - 53419.951 | 2 | 15-24 | - 146817.805 | - 53419.277 |
| COS=- 0.066421 SIN=- 0.997792 | | | | COS=- 0.063817 SIN=- 0.997962 | | | | COS=+ 0.064568 SIN=+ 0.997913 | | | |
| A L= 266-11-30 L = 18.985 | | | | A L= 266-20-28 L = 18.992 | | | | A L= 86-17-53 L = 18.988 | | | |

| NO 7 | | | | NO 8 | | | | NO 9 | | | |
|-------------------------------|-------|--------------|-------------|-------------------------------|-------|--------------|-------------|-------------------------------|-------|--------------|-------------|
| 点名 | | X | Y | 点名 | | X | Y | 点名 | | X | Y |
| 1 | 15-17 | - 146816.593 | - 53438.385 | 1 | 15-18 | - 146798.530 | - 53439.570 | 1 | 15-19 | - 146790.235 | - 53440.115 |
| 2 | 15-23 | - 146815.367 | - 53419.437 | 2 | 15-13 | - 146797.298 | - 53420.601 | 2 | 15-21 | - 146788.997 | - 53421.148 |
| COS=+ 0.064568 SIN=+ 0.997913 | | | | COS=+ 0.064812 SIN=+ 0.997898 | | | | COS=+ 0.065133 SIN=+ 0.997877 | | | |
| A L= 86-17-53 L = 18.988 | | | | A L= 86-17- 2 L = 19.009 | | | | A L= 86-15-56 L = 19.007 | | | |

* * * * * 各 筆 面 積 計 算 書 * * * * *

15 BLOCK

| 点 名 | X | Y | (X-X0)*(YN-1-Y0) | (XN-1-X0)*(Y-Y0) |
|-------|--------------|-------------|------------------|------------------|
| X0-Y0 | - 146700.000 | - 53300.000 | | |
| 15-1 | - 146775.538 | - 53441.080 | | |
| 15-2 | - 146773.248 | - 53439.098 | + 10333.827840 | + 10507.184724 |
| 15-3 | - 146772.750 | - 53422.218 | + 10119.379500 | + 8952.224064 |
| 15-4 | - 146772.226 | - 53405.310 | + 8827.317268 | + 7661.302500 |
| 15-5 | - 146774.245 | - 53403.083 | + 7818.740950 | + 7445.272758 |
| 15-6 | - 146784.747 | - 53402.402 | + 8735.975001 | + 7602.836490 |
| 15-7 | - 146843.110 | - 53398.578 | + 14654.750220 | + 8354.189766 |
| 15-8 | - 146845.651 | - 53400.137 | + 14357.984278 | + 14330.606070 |
| 15-9 | - 146852.468 | - 53416.916 | + 15267.688116 | + 17028.932316 |
| 15-10 | - 146852.821 | - 53419.853 | + 17867.220036 | + 18273.747204 |
| 15-11 | - 146850.812 | - 53434.224 | + 18075.270636 | + 20512.245904 |
| 15-12 | - 146848.634 | - 53436.281 | + 19950.250016 | + 20552.810172 |
| 15-1 | - 146775.538 | - 53441.080 | + 10294.394178 | + 20969.284720 |
| | | | +156302.798039 | +162190.636688 |
| | | 倍面積 | = 5887.838649 | |
| | | 面積 | = 2943.919324 | |

1 LOT 小寺1964番

| 点 名 | X | Y | (X-X0)*(YN-1-Y0) | (XN-1-X0)*(Y-Y0) |
|-------|--------------|-------------|------------------|------------------|
| X0-Y0 | - 146700.000 | - 53400.000 | | |
| 15-19 | - 146790.235 | - 53440.115 | | |
| 15-1 | - 146775.538 | - 53441.080 | + 3030.206870 | + 3706.853800 |
| 15-2 | - 146773.248 | - 53439.098 | + 3009.027840 | + 2953.384724 |
| 15-3 | - 146772.750 | - 53422.218 | + 2844.379500 | + 1627.424064 |
| 15-21 | - 146788.997 | - 53421.148 | + 1977.335346 | + 1538.517000 |
| 15-19 | - 146790.235 | - 53440.115 | + 1908.289780 | + 3570.114655 |
| | | | + 12769.239336 | + 13396.294243 |
| | | 倍面積 | = 627.054907 | |
| | | 面積 | = 313.527453 | |

2 LOT

| 点 名 | X | Y | (X-X0)*(YN-1-Y0) | (XN-1-X0)*(Y-Y0) |
|-------|--------------|-------------|------------------|------------------|
| X0-Y0 | - 146700.000 | - 53400.000 | | |
| 15-3 | - 146772.750 | - 53422.218 | | |
| 15-4 | - 146772.226 | - 53405.310 | + 1604.717268 | + 386.302500 |
| 15-5 | - 146774.245 | - 53403.083 | + 394.240950 | + 222.672758 |
| 15-6 | - 146784.747 | - 53402.402 | + 261.275001 | + 178.336490 |
| 15-20 | - 146786.008 | - 53421.345 | + 206.591216 | + 1808.924715 |
| 15-3 | - 146772.750 | - 53422.218 | + 1552.848750 | + 1910.925744 |
| | | | + 4019.673185 | + 4507.162207 |
| | | 倍面積 | = 487.489022 | |
| | | 面積 | = 243.744511 | |

* * * * * 各 筆 面 積 計 算 書 * * * * *

3 LOT 小寺1966番

| 点 名 | X | Y | (X-X0)*(YN-1-Y0) | (XN-1-X0)*(Y-Y0) |
|-------|--------------|-------------|------------------|------------------|
| X0·Y0 | - 146700.000 | - 53400.000 | | |
| 15-6 | - 146784.747 | - 53402.402 | | |
| 15-14 | - 146806.180 | - 53400.998 | + 255.044360 | + 84.577506 |
| 15-22 | - 146807.392 | - 53419.951 | + 107.177216 | + 2118.397180 |
| 15-13 | - 146797.298 | - 53420.601 | + 1941.192398 | + 2212.382592 |
| 15-20 | - 146786.008 | - 53421.345 | + 1771.850808 | + 2076.825810 |
| 15-6 | - 146784.747 | - 53402.402 | + 1808.924715 | + 206.591216 |
| | | | + 5884.189497 | + 6698.774304 |
| | | 倍面積 | = 814.584807 | |
| | | 面積 | = 407.292403 | |

4 LOT 小寺1967番

| 点 名 | X | Y | (X-X0)*(YN-1-Y0) | (XN-1-X0)*(Y-Y0) |
|-------|--------------|-------------|------------------|------------------|
| X0·Y0 | - 146800.000 | - 53300.000 | | |
| 15-14 | - 146806.180 | - 53400.998 | | |
| 15-7 | - 146843.110 | - 53398.578 | + 4354.023780 | + 609.212040 |
| 15-8 | - 146845.651 | - 53400.137 | + 4500.184278 | + 4316.906070 |
| 15-9 | - 146852.468 | - 53416.916 | + 5253.988116 | + 5337.332316 |
| 15-15 | - 146852.478 | - 53416.998 | + 6135.517848 | + 6138.651064 |
| 15-23 | - 146815.367 | - 53419.437 | + 1797.908266 | + 6267.814886 |
| 15-22 | - 146807.392 | - 53419.951 | + 882.878304 | + 1843.287017 |
| 15-14 | - 146806.180 | - 53400.998 | + 741.297180 | + 746.577216 |
| | | | + 23665.797772 | + 25259.780609 |
| | | 倍面積 | = 1593.982837 | |
| | | 面積 | = 796.991418 | |

5 LOT 小寺1968番

| 点 名 | X | Y | (X-X0)*(YN-1-Y0) | (XN-1-X0)*(Y-Y0) |
|-------|--------------|-------------|------------------|------------------|
| X0·Y0 | - 146800.000 | - 53400.000 | | |
| 15-15 | - 146852.478 | - 53416.998 | | |
| 15-10 | - 146852.821 | - 53419.853 | + 897.851358 | + 1041.845734 |
| 15-11 | - 146850.812 | - 53434.224 | + 1008.770636 | + 1807.745904 |
| 15-12 | - 146848.634 | - 53436.281 | + 1664.450016 | + 1843.510172 |
| 15-16 | - 146819.031 | - 53438.225 | + 690.463711 | + 1859.034650 |
| 15-24 | - 146817.805 | - 53419.277 | + 680.596125 | + 366.860587 |
| 15-15 | - 146852.478 | - 53416.998 | + 1011.618406 | + 302.649390 |
| | | | + 5953.750252 | + 7221.646437 |
| | | 倍面積 | = 1267.896185 | |
| | | 面積 | = 633.948092 | |

* * * * * 各 筆 面 積 計 算 書 * * * * *

6 LOT 小寺1969番

| 点 名 | X | Y | (X-X0)*(YN-1-Y0) | (XN-1-X0)*(Y-Y0) |
|-------|--------------|-------------|------------------|------------------|
| X0-Y0 | - 146800.000 | - 53400.000 | | |
| 15-16 | - 146819.031 | - 53438.225 | | |
| 15-17 | - 146816.593 | - 53438.385 | + 634.267425 | + 730.504935 |
| 15-23 | - 146815.367 | - 53419.437 | + 589.862295 | + 322.518141 |
| 15-24 | - 146817.805 | - 53419.277 | + 346.075785 | + 296.229659 |
| 15-16 | - 146819.031 | - 53438.225 | + 366.860587 | + 680.596125 |
| | | | + 1937.066092 | + 2029.848860 |
| | | 倍面積 | = 92.782768 | |
| | | 面積 | = 46.391384 | |

7 LOT 小寺1970番

| 点 名 | X | Y | (X-X0)*(YN-1-Y0) | (XN-1-X0)*(Y-Y0) |
|-------|--------------|-------------|------------------|------------------|
| X0-Y0 | - 146700.000 | - 53400.000 | | |
| 15-17 | - 146816.593 | - 53438.385 | | |
| 15-18 | - 146798.530 | - 53439.570 | + 3782.074050 | + 4613.585010 |
| 15-13 | - 146797.298 | - 53420.601 | + 3850.081860 | + 2029.816530 |
| 15-23 | - 146815.367 | - 53419.437 | + 2376.675567 | + 1891.181226 |
| 15-17 | - 146816.593 | - 53438.385 | + 2266.218141 | + 4428.362295 |
| | | | + 12275.049618 | + 12962.945061 |
| | | 倍面積 | = 687.895443 | |
| | | 面積 | = 343.947721 | |

8 LOT 小寺1971番

| 点 名 | X | Y | (X-X0)*(YN-1-Y0) | (XN-1-X0)*(Y-Y0) |
|-------|--------------|-------------|------------------|------------------|
| X0-Y0 | - 146700.000 | - 53400.000 | | |
| 15-18 | - 146798.530 | - 53439.570 | | |
| 15-19 | - 146790.235 | - 53440.115 | + 3570.598950 | + 3952.530950 |
| 15-21 | - 146788.997 | - 53421.148 | + 3570.114655 | + 1908.289780 |
| 15-13 | - 146797.298 | - 53420.601 | + 2057.658104 | + 1833.427197 |
| 15-18 | - 146798.530 | - 53439.570 | + 2029.816530 | + 3850.081860 |
| | | | + 11228.188239 | + 11544.329787 |
| | | 倍面積 | = 316.141548 | |
| | | 面積 | = 158.070774 | |

* * * 各筆面積 集計表 * * *

| 街区名・筆名 | 各筆面積 | 隅切面積 |
|----------|---------|------|
| 15 BLOCK | 2943.91 | |
| 1 LOT | 313.52 | |
| 2 LOT | 243.74 | |
| 3 LOT | 407.29 | |
| 4 LOT | 796.99 | |
| 5 LOT | 633.94 | |
| 6 LOT | 46.39 | |
| 7 LOT | 343.94 | |
| 8 LOT | 158.07 | |
| 合計 = | 2943.88 | 0.00 |