



1:500

\* \* \* \* \* 街 区 成 果 表 \* \* \* \* \*

22 BLOCK

| 点 名   | X            | Y           | 点 名   | X            | Y           | 点 名   | X            | Y           |
|-------|--------------|-------------|-------|--------------|-------------|-------|--------------|-------------|
| 22-8  | - 146635.916 | - 53079.826 | 22-16 | - 146634.216 | - 53078.591 | 22-9  | - 146633.478 | - 53078.082 |
| 22-2  | - 146632.200 | - 53070.255 | 22-10 | - 146617.495 | - 52982.333 | 22-11 | - 146619.454 | - 52980.058 |
| 22-4  | - 146637.494 | - 52980.623 | 22-12 | - 146655.940 | - 52981.170 | 22-13 | - 146658.185 | - 52983.141 |
| 22-6  | - 146668.853 | - 53047.136 | 22-14 | - 146672.938 | - 53071.501 | 22-17 | - 146672.422 | - 53072.209 |
| 22-15 | - 146671.176 | - 53073.943 |       |              |             |       |              |             |
| 22-3  | - 146617.102 | - 52979.985 | 22-5  | - 146657.866 | - 52981.227 |       |              |             |

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| 点名 1  | 点名 2  | 方向角       | 距離     | 点名 1  | 点名 2  | 方向角       | 距離    | 点名 1  | 点名 2  | 方向角       | 距離     |
|-------|-------|-----------|--------|-------|-------|-----------|-------|-------|-------|-----------|--------|
| 22-8  | 22-16 | 35-59-50  | 2.101  | 22-16 | 22-9  | 34-35-39  | 0.897 | 22-9  | 22-2  | 80-43-35  | 7.931  |
| 22-2  | 22-10 | 80-30-18  | 89.143 | 22-10 | 22-11 | 130-43-54 | 3.002 | 22-11 | 22-4  | 181-47-38 | 18.049 |
| 22-4  | 22-12 | 181-41-55 | 18.454 | 22-12 | 22-13 | 221-16-54 | 2.987 | 22-13 | 22-6  | 260-32- 9 | 64.878 |
| 22-6  | 22-14 | 260-28-57 | 24.705 | 22-14 | 22-17 | 306- 5- 6 | 0.876 | 22-17 | 22-15 | 305-42- 0 | 2.135  |
| 22-15 | 22-8  | 350-31-40 | 35.747 |       |       |           |       |       |       |           |        |
| 22-3  | 22-10 | 260-30-18 | 2.381  | 22-3  | 22-11 | 181-47-38 | 2.353 |       |       |           |        |
| 22-5  | 22-12 | 1-41-55   | 1.927  | 22-5  | 22-13 | 260-32- 9 | 1.940 |       |       |           |        |

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| 点 名   | 内 角         | 点 名   | 内 角         | 点 名   | 内 角         | 点 名   | 内 角         |
|-------|-------------|-------|-------------|-------|-------------|-------|-------------|
| 22-8  | 134- 31- 50 | 22-16 | 181- 24- 11 | 22-9  | 133- 52- 4  | 22-2  | 180- 13- 17 |
| 22-10 | 129- 46- 24 | 22-11 | 128- 56- 16 | 22-4  | 180- 5- 43  | 22-12 | 140- 25- 1  |
| 22-13 | 140- 44- 45 | 22-6  | 180- 3- 12  | 22-14 | 134- 23- 51 | 22-17 | 180- 23- 6  |
| 22-15 | 135- 10- 20 |       |             |       |             |       |             |
| 22-3  | 78- 42- 40  | 22-5  | 101- 9- 46  |       |             |       |             |

\* \* \* 突出し計算書 \* \* \*

|             |                         |                         |                         |
|-------------|-------------------------|-------------------------|-------------------------|
| NO.         | 1                       | 2                       | 3                       |
| 視準点名        | A12                     | T20                     | T17                     |
| 観測点名        | T32                     | T17                     | T18                     |
| 求点名         | 22-2                    | 22-4                    | 22-6                    |
| 距離          | 16.650                  | 25.458                  | 27.148                  |
| COS & SIN   | + 0.116478 + 0.993193   | + 0.991419 - 0.130723   | + 0.036697 - 0.999326   |
| X 1 . Y 1 = | -146634.139 - 53086.792 | -146662.734 - 52977.295 | -146669.849 - 53020.006 |
| DX . DY =   | + 1.939 + 16.537        | + 25.240 - 3.328        | + 0.996 - 27.130        |
| X 2 . Y 2 = | -146632.200 - 53070.255 | -146637.494 - 52980.623 | -146668.853 - 53047.136 |
| NO.         | 4                       | 5                       | 6                       |
| 視準点名        | A12                     | A12                     | T17                     |
| 観測点名        | T32                     | T32                     | T20                     |
| 求点名         | 22-8                    | 22-9                    | 22-10                   |
| 距離          | 7.189                   | 8.735                   | 8.333                   |
| COS & SIN   | - 0.247187 + 0.968968   | + 0.075680 + 0.997132   | - 0.333377 - 0.942794   |
| X 1 . Y 1 = | -146634.139 - 53086.792 | -146634.139 - 53086.792 | -146614.717 - 52974.477 |
| DX . DY =   | - 1.777 + 6.966         | + 0.661 + 8.710         | - 2.778 - 7.856         |
| X 2 . Y 2 = | -146635.916 - 53079.826 | -146633.478 - 53078.082 | -146617.495 - 52982.333 |
| NO.         | 7                       | 8                       | 9                       |
| 視準点名        | T17                     | A11                     | A11                     |
| 観測点名        | T20                     | T17                     | T17                     |
| 求点名         | 22-11                   | 22-12                   | 22-13                   |
| 距離          | 7.320                   | 7.821                   | 7.407                   |
| COS & SIN   | - 0.647108 - 0.762399   | + 0.868656 - 0.495417   | + 0.614132 - 0.789203   |
| X 1 . Y 1 = | -146614.717 - 52974.477 | -146662.734 - 52977.295 | -146662.734 - 52977.295 |
| DX . DY =   | - 4.737 - 5.581         | + 6.794 - 3.875         | + 4.549 - 5.846         |
| X 2 . Y 2 = | -146619.454 - 52980.058 | -146655.940 - 52981.170 | -146658.185 - 52983.141 |

\* \* \* 突出し計算書 \* \* \*

| NO.         | 10                      | 11                      | 12                      |
|-------------|-------------------------|-------------------------|-------------------------|
| 視準点名        | T18                     | T18                     | A12                     |
| 観測点名        | A12                     | A12                     | T32                     |
| 求点名         | 22-14                   | 22-15                   | 22-16                   |
|             | 方向角 1 79-24-27          | 79-24-27                | 170-40-20               |
|             | 観測角 324-17-20           | 308-34-30               | 279-52-0                |
|             | 方向角 2 43-41-47          | 27-58-57                | 90-32-20                |
| 距離          | 11.015                  | 11.014                  | 8.201                   |
| COS & SIN   | + 0.723011 + 0.690837   | + 0.883091 + 0.469202   | - 0.009405 + 0.999956   |
| X 1 . Y 1 = | -146680.902 - 53079.111 | -146680.902 - 53079.111 | -146634.139 - 53086.792 |
| DX . DY =   | + 7.964 + 7.610         | + 9.726 + 5.168         | - 0.077 + 8.201         |
| X 2 . Y 2 = | -146672.938 - 53071.501 | -146671.176 - 53073.943 | -146634.216 - 53078.591 |

| NO.         | 13                      |
|-------------|-------------------------|
| 視準点名        | T18                     |
| 観測点名        | A12                     |
| 求点名         | 22-17                   |
|             | 方向角 1 79-24-27          |
|             | 観測角 319-44-5            |
|             | 方向角 2 39-8-32           |
| 距離          | 10.934                  |
| COS & SIN   | + 0.775581 + 0.631248   |
| X 1 . Y 1 = | -146680.902 - 53079.111 |
| DX . DY =   | + 8.480 + 6.902         |
| X 2 . Y 2 = | -146672.422 - 53072.209 |

\* \* \* 方 向 角 · 距 離 計 算 書 \* \* \*

NO 1  
 点名 X Y  
 1 22-8 - 146635.916 - 53079.826  
 2 22-16 - 146634.216 - 53078.591  
 COS=+ 0.809045 SIN=+ 0.587747  
 A L= 35-59-50 L = 2.101

NO 2  
 点名 X Y  
 1 22-16 - 146634.216 - 53078.591  
 2 22-9 - 146633.478 - 53078.082  
 COS=+ 0.823195 SIN=+ 0.567759  
 A L= 34-35-39 L = 0.897

NO 3  
 点名 X Y  
 1 22-9 - 146633.478 - 53078.082  
 2 22-2 - 146632.200 - 53070.255  
 COS=+ 0.161147 SIN=+ 0.986930  
 A L= 80-43-35 L = 7.931

NO 4  
 点名 X Y  
 1 22-2 - 146632.200 - 53070.255  
 2 22-10 - 146617.495 - 52982.333  
 COS=+ 0.164959 SIN=+ 0.986300  
 A L= 80-30-18 L = 89.143

NO 5  
 点名 X Y  
 1 22-10 - 146617.495 - 52982.333  
 2 22-11 - 146619.454 - 52980.058  
 COS=- 0.652518 SIN=+ 0.757773  
 A L= 130-43-54 L = 3.002

NO 6  
 点名 X Y  
 1 22-11 - 146619.454 - 52980.058  
 2 22-4 - 146637.494 - 52980.623  
 COS=- 0.999510 SIN=- 0.031304  
 A L= 181-47-38 L = 18.049

NO 7  
 点名 X Y  
 1 22-4 - 146637.494 - 52980.623  
 2 22-12 - 146655.940 - 52981.170  
 COS=- 0.999561 SIN=- 0.029641  
 A L= 181-41-55 L = 18.454

NO 8  
 点名 X Y  
 1 22-12 - 146655.940 - 52981.170  
 2 22-13 - 146658.185 - 52983.141  
 COS=- 0.751477 SIN=- 0.659760  
 A L= 221-16-54 L = 2.987

NO 9  
 点名 X Y  
 1 22-13 - 146658.185 - 52983.141  
 2 22-6 - 146668.853 - 53047.136  
 COS=- 0.164431 SIN=- 0.986389  
 A L= 260-32- 9 L = 64.878

NO 10  
 点名 X Y  
 1 22-6 - 146668.853 - 53047.136  
 2 22-14 - 146672.938 - 53071.501  
 COS=- 0.165351 SIN=- 0.986235  
 A L= 260-28-57 L = 24.705

NO 11  
 点名 X Y  
 1 22-14 - 146672.938 - 53071.501  
 2 22-17 - 146672.422 - 53072.209  
 COS=+ 0.588986 SIN=- 0.808143  
 A L= 306- 5- 6 L = 0.876

NO 12  
 点名 X Y  
 1 22-17 - 146672.422 - 53072.209  
 2 22-15 - 146671.176 - 53073.943  
 COS=+ 0.583540 SIN=- 0.812085  
 A L= 305-42- 0 L = 2.135

NO 13  
 点名 X Y  
 1 22-15 - 146671.176 - 53073.943  
 2 22-8 - 146635.916 - 53079.826  
 COS=+ 0.986365 SIN=- 0.164571  
 A L= 350-31-40 L = 35.747

NO 14  
 点名 X Y  
 1 22-16 - 146634.216 - 53078.591  
 2 22-17 - 146672.422 - 53072.209  
 COS=- 0.986334 SIN=+ 0.164759  
 A L= 170-31- 0 L = 38.735

\* \* \* \* \* 2 直 線 の 交 点 計 算 書 \* \* \* \* \*

| 求 点 名      | N O          | 1 22-1      | 2          | 22-3         | 3           | 22-5      |              |             |
|------------|--------------|-------------|------------|--------------|-------------|-----------|--------------|-------------|
| ALH T1.T2  | 350-31-40    | 260-43-35   | 80-30-18   | 1-47-38      | 181-41-55   | 80-32-9   |              |             |
| SIN T1.T2  | -0.164569    | -0.986930   | +0.986300  | +0.031304    | -0.029642   | +0.986389 |              |             |
| COS T1.T2  | +0.986366    | -0.161149   | +0.164962  | +0.999510    | -0.999561   | +0.164431 |              |             |
| コウカク = T   | 89-48-5      |             | 78-42-40   |              | 101-9-46    |           |              |             |
| COSEC T    | + 1.000006   |             | + 1.019729 |              | + 1.019284  |           |              |             |
|            | X            | Y           |            |              |             |           |              |             |
| 1 22-8     | - 146635.916 | - 53079.826 | 22-10      | - 146617.495 | - 52982.333 | 22-12     | - 146655.940 | - 52981.170 |
| 2 22-9     | - 146633.478 | - 53078.082 | 22-11      | - 146619.454 | - 52980.058 | 22-13     | - 146658.185 | - 52983.141 |
| X1-2.Y2-1  | - 2.438      | + 1.744     |            | + 1.959      | + 2.275     |           | + 2.245      | - 1.971     |
| X1-2*SI1.2 | + 0.4012     | + 2.4061    |            | + 1.9322     | + 0.0613    |           | - 0.0665     | + 2.2144    |
| Y2-1*CO1.2 | + 1.7202     | - 0.2810    |            | + 0.3753     | + 2.2739    |           | + 1.9701     | - 0.3241    |
| COSEC*S1.2 | + 2.1215     | + 2.1251    |            | + 2.3530     | + 2.3813    |           | + 1.9403     | + 1.9268    |
| キヨリ S1.S2  | 2.125        | 2.121       |            | 2.381        | 2.353       |           | 1.927        | 1.940       |
|            | X            | Y           |            |              |             |           |              |             |
| 1 22-8     | - 146635.916 | - 53079.826 | 22-10      | - 146617.495 | - 52982.333 | 22-12     | - 146655.940 | - 52981.170 |
| DX DY      | + 2.096      | - 0.350     |            | + 0.393      | + 2.348     |           | - 1.926      | - 0.057     |
| 3 22-1     | - 146633.820 | - 53080.176 | 22-3       | - 146617.102 | - 52979.985 | 22-5      | - 146657.866 | - 52981.227 |

| 求 点 名      | N O          | 4 22-7      |
|------------|--------------|-------------|
| ALH T1.T2  | 260-28-57    | 170-31-40   |
| SIN T1.T2  | -0.986235    | +0.164569   |
| COS T1.T2  | -0.165349    | -0.986366   |
| コウカク = T   | 89-57-17     |             |
| COSEC T    | + 1.000000   |             |
|            | X            | Y           |
| 1 22-14    | - 146672.938 | - 53071.501 |
| 2 22-15    | - 146671.176 | - 53073.943 |
| X1-2.Y2-1  | - 1.762      | - 2.442     |
| X1-2*SI1.2 | + 1.7377     | - 0.2900    |
| Y2-1*CO1.2 | + 0.4038     | + 2.4087    |
| COSEC*S1.2 | + 2.1415     | + 2.1187    |
| キヨリ S1.S2  | 2.119        | 2.142       |
|            | X            | Y           |
| 1 22-14    | - 146672.938 | - 53071.501 |
| DX DY      | - 0.350      | - 2.090     |
| 3 22-7     | - 146673.288 | - 53073.591 |

\* \* \* \* \* 各 筆 面 積 計 算 書 \* \* \* \* \*

22 BLOCK

| 点 名   | X            | Y           | (X-X0)*(YN-1-Y0) | (XN-1-X0)*(Y-Y0) |
|-------|--------------|-------------|------------------|------------------|
| X0・Y0 | - 146600.000 | - 52900.000 |                  |                  |
| 22-8  | - 146635.916 | - 53079.826 |                  |                  |
| 22-16 | - 146634.216 | - 53078.591 | + 6152.926416    | + 6414.274356    |
| 22-9  | - 146633.478 | - 53078.082 | + 5978.869498    | + 6093.253712    |
| 22-2  | - 146632.200 | - 53070.255 | + 5734.240400    | + 5699.796890    |
| 22-10 | - 146617.495 | - 52982.333 | + 2978.611225    | + 2651.122600    |
| 22-11 | - 146619.454 | - 52980.058 | + 1601.706182    | + 1400.614710    |
| 22-4  | - 146637.494 | - 52980.623 | + 3001.694652    | + 1568.439842    |
| 22-12 | - 146655.940 | - 52981.170 | + 4510.050620    | + 3043.387980    |
| 22-13 | - 146658.185 | - 52983.141 | + 4722.876450    | + 4650.907540    |
| 22-6  | - 146668.853 | - 53047.136 | + 5724.507273    | + 8561.108160    |
| 22-14 | - 146672.938 | - 53071.501 | + 10731.805568   | + 11808.358353   |
| 22-17 | - 146672.422 | - 53072.209 | + 12420.445422   | + 12560.580042   |
| 22-15 | - 146671.176 | - 53073.943 | + 12257.147784   | + 12597.299946   |
| 22-8  | - 146635.916 | - 53079.826 | + 6247.336788    | + 12799.295376   |
|       |              |             | + 82062.218278   | + 89848.439507   |
|       |              | 倍面積         | = 7786.221229    |                  |
|       |              | 面積          | = 3893.110614    |                  |

タコ子

| 点 名   | X            | Y           | (X-X0)*(YN-1-Y0) | (XN-1-X0)*(Y-Y0) |
|-------|--------------|-------------|------------------|------------------|
| X0・Y0 | - 146600.000 | - 52900.000 |                  |                  |
| 22-16 | - 146634.216 | - 53078.591 |                  |                  |
| 22-9  | - 146633.478 | - 53078.082 | + 5978.869498    | + 6093.253712    |
| 22-2  | - 146632.200 | - 53070.255 | + 5734.240400    | + 5699.796890    |
| 22-10 | - 146617.495 | - 52982.333 | + 2978.611225    | + 2651.122600    |
| 22-11 | - 146619.454 | - 52980.058 | + 1601.706182    | + 1400.614710    |
| 22-4  | - 146637.494 | - 52980.623 | + 3001.694652    | + 1568.439842    |
| 22-12 | - 146655.940 | - 52981.170 | + 4510.050620    | + 3043.387980    |
| 22-13 | - 146658.185 | - 52983.141 | + 4722.876450    | + 4650.907540    |
| 22-6  | - 146668.853 | - 53047.136 | + 5724.507273    | + 8561.108160    |
| 22-14 | - 146672.938 | - 53071.501 | + 10731.805568   | + 11808.358353   |
| 22-17 | - 146672.422 | - 53072.209 | + 12420.445422   | + 12560.580042   |
| 22-16 | - 146634.216 | - 53078.591 | + 5892.303144    | + 12933.917402   |
|       |              |             | + 63297.110434   | + 70971.487231   |
|       |              | 倍面積         | = 7674.376797    |                  |
|       |              | 面積          | = 3837.188398    |                  |

スロ

| 点 名   | X            | Y           | (X-X0)*(YN-1-Y0) | (XN-1-X0)*(Y-Y0) |
|-------|--------------|-------------|------------------|------------------|
| X0・Y0 | - 146600.000 | - 53000.000 |                  |                  |
| 22-17 | - 146672.422 | - 53072.209 |                  |                  |
| 22-15 | - 146671.176 | - 53073.943 | + 5139.547784    | + 5355.099946    |

\* \* \* \* \* 各 筆 面 積 計 算 書 \* \* \* \* \*

| 点 名   | X            | Y           | (X-X0)*(YN-1-Y0) | (XN-1-X0)*(Y-Y0) |
|-------|--------------|-------------|------------------|------------------|
| 22-8  | - 146635.916 | - 53079.826 | + 2655.736788    | + 5681.695376    |
| 22-16 | - 146634.216 | - 53078.591 | + 2731.326416    | + 2822.674356    |
| 22-17 | - 146672.422 | - 53072.209 | + 5691.717402    | + 2470.703144    |
|       |              |             | + 16218.328390   | + 16330.172822   |
|       |              | 倍面積         | = 111.844432     |                  |
|       |              | 面積          | = 55.922216      |                  |

3 スミキリ

| 点 名   | X            | Y           | (X-X0)*(YN-1-Y0) | (XN-1-X0)*(Y-Y0) |
|-------|--------------|-------------|------------------|------------------|
| X0・Y0 | - 146600.000 | - 52900.000 |                  |                  |
| 22-3  | - 146617.102 | - 52979.985 |                  |                  |
| 22-10 | - 146617.495 | - 52982.333 | + 1399.337575    | + 1408.058966    |
| 22-11 | - 146619.454 | - 52980.058 | + 1601.706182    | + 1400.614710    |
| 22-3  | - 146617.102 | - 52979.985 | + 1369.151916    | + 1556.028190    |
|       |              |             | + 4370.195673    | + 4364.701866    |
|       |              | 倍面積         | = 5.493807       |                  |
|       |              | 面積          | = 2.746903       |                  |

5 スミキリ

| 点 名   | X            | Y           | (X-X0)*(YN-1-Y0) | (XN-1-X0)*(Y-Y0) |
|-------|--------------|-------------|------------------|------------------|
| X0・Y0 | - 146600.000 | - 52900.000 |                  |                  |
| 22-5  | - 146657.866 | - 52981.227 |                  |                  |
| 22-12 | - 146655.940 | - 52981.170 | + 4543.838380    | + 4696.983220    |
| 22-13 | - 146658.185 | - 52983.141 | + 4722.876450    | + 4650.907540    |
| 22-5  | - 146657.866 | - 52981.227 | + 4811.037106    | + 4726.192995    |
|       |              |             | + 14077.751936   | + 14074.083755   |
|       |              | 倍面積         | = 3.668181       |                  |
|       |              | 面積          | = 1.834090       |                  |

\* \* \* 各筆面積 集計表 \* \* \*

| 街区名・筆名   | 各筆面積    | 隔切面積 |
|----------|---------|------|
| 22 BLOCK | 3893.11 |      |
| タウチ      | 3837.18 |      |
| スイロ      | 55.92   |      |
| 3 スミキリ   |         | 2.74 |
| 5 スミキリ   |         | 1.83 |
| 合計 =     | 3893.10 | 4.57 |