



1:500

3 BLOCK

* * * * * 街 区 成 果 表 * * * * *

| 点 名 | X | Y | 点 名 | X | Y | 点 名 | X | Y |
|------|--------------|-------------|------|--------------|-------------|-----|--------------|-------------|
| 3-15 | - 146395.872 | - 52824.036 | 3-8 | - 146393.078 | - 52822.962 | 3-2 | - 146387.337 | - 52814.940 |
| 3-9 | - 146379.173 | - 52793.722 | 3-10 | - 146380.602 | - 52791.097 | 3-4 | - 146413.844 | - 52783.789 |
| 3-11 | - 146441.793 | - 52777.782 | 3-12 | - 146444.332 | - 52779.355 | 3-6 | - 146447.828 | - 52793.807 |
| 3-13 | - 146451.359 | - 52808.274 | 3-14 | - 146449.781 | - 52810.848 | | | |
| 3-1 | - 146394.149 | - 52824.458 | 3-3 | - 146378.353 | - 52791.591 | 3-5 | - 146443.845 | - 52777.341 |
| 3-7 | - 146451.863 | - 52810.338 | | | | | | |

| 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 |
|------|------|-----------|-------|------|------|-----------|--------|------|------|-----------|--------|
| 3-15 | 3-8 | 21- 1-35 | 2.993 | 3-8 | 3-2 | 54-24-37 | 9.865 | 3-2 | 3-9 | 68-57-18 | 22.734 |
| 3-9 | 3-10 | 118-33-47 | 2.989 | 3-10 | 3-4 | 167-36- 4 | 34.036 | 3-4 | 3-11 | 167-52-12 | 28.587 |
| 3-11 | 3-12 | 211-46-47 | 2.987 | 3-12 | 3-6 | 256-24- 4 | 14.869 | 3-6 | 3-13 | 256-17- 2 | 14.892 |
| 3-13 | 3-14 | 301-30-38 | 3.019 | 3-14 | 3-15 | 346-15-12 | 55.499 | | | | |
| 3-1 | 3-15 | 166-15-12 | 1.774 | 3-1 | 3-8 | 54-24-37 | 1.839 | | | | |
| 3-3 | 3-9 | 248-57-18 | 2.283 | 3-3 | 3-10 | 167-36- 4 | 2.302 | | | | |
| 3-5 | 3-11 | 347-52-12 | 2.099 | 3-5 | 3-12 | 256-24- 4 | 2.072 | | | | |
| 3-7 | 3-13 | 76-17- 2 | 2.125 | 3-7 | 3-14 | 346-15-12 | 2.143 | | | | |

| 点 名 | 内 角 | 点 名 | 内 角 | 点 名 | 内 角 | 点 名 | 内 角 |
|------|-------------|------|-------------|------|-------------|------|-------------|
| 3-15 | 145- 13- 37 | 3-8 | 146- 36- 58 | 3-2 | 165- 27- 19 | 3-9 | 130- 23- 31 |
| 3-10 | 130- 57- 43 | 3-4 | 179- 43- 52 | 3-11 | 136- 5- 25 | 3-12 | 135- 22- 43 |
| 3-6 | 180- 7- 2 | 3-13 | 134- 46- 24 | 3-14 | 135- 15- 26 | | |
| 3-1 | 111- 50- 35 | 3-3 | 81- 21- 14 | 3-5 | 91- 28- 8 | 3-7 | 90- 1- 50 |

* * * 突出し計算書 * * *

| | | | |
|-------------|-------------------------|-------------------------|-------------------------|
| NO. | 1 | 2 | 3 |
| 視準点名 | T46 | T8 | T46 |
| 観測点名 | T45 | T5 | T8 |
| 求点名 | 3-2 | 3-4 | 3-6 |
| 距離 | 13.782 | 34.656 | 20.440 |
| COS & SIN | + 0.362976 + 0.931799 | + 0.936252 - 0.351329 | + 0.487322 + 0.873222 |
| X 1 . Y 1 = | -146392.340 - 52827.782 | -146446.291 - 52771.613 | -146457.789 - 52811.656 |
| DX . DY = | + 5.003 + 12.842 | + 32.447 - 12.176 | + 9.961 + 17.849 |
| X 2 . Y 2 = | -146387.337 - 52814.940 | -146413.844 - 52783.789 | -146447.828 - 52793.807 |

| | | | |
|-------------|-------------------------|-------------------------|-------------------------|
| NO. | 4 | 5 | 6 |
| 視準点名 | T46 | T5 | T5 |
| 観測点名 | T45 | T4 | T4 |
| 求点名 | 3-8 | 3-9 | 3-10 |
| 距離 | 4.876 | 7.892 | 6.835 |
| COS & SIN | - 0.151314 + 0.988486 | - 0.501976 - 0.864881 | - 0.788789 - 0.614664 |
| X 1 . Y 1 = | -146392.340 - 52827.782 | -146375.211 - 52786.896 | -146375.211 - 52786.896 |
| DX . DY = | - 0.738 + 4.820 | - 3.962 - 6.826 | - 5.391 - 4.201 |
| X 2 . Y 2 = | -146393.078 - 52822.962 | -146379.173 - 52793.722 | -146380.602 - 52791.097 |

| | | | |
|-------------|-------------------------|-------------------------|-------------------------|
| NO. | 7 | 8 | 9 |
| 視準点名 | T8 | T8 | T46 |
| 観測点名 | T5 | T5 | T8 |
| 求点名 | 3-11 | 3-12 | 3-13 |
| 距離 | 7.635 | 7.986 | 7.265 |
| COS & SIN | + 0.589149 - 0.808024 | + 0.245345 - 0.969436 | + 0.885051 + 0.465494 |
| X 1 . Y 1 = | -146446.291 - 52771.613 | -146446.291 - 52771.613 | -146457.789 - 52811.656 |
| DX . DY = | + 4.498 - 6.169 | + 1.959 - 7.742 | + 6.430 + 3.382 |
| X 2 . Y 2 = | -146441.793 - 52777.782 | -146444.332 - 52779.355 | -146451.359 - 52808.274 |

* * * 突出し計算書 * * *

| NO. | 10 | 11 |
|-------------|-------------------------|-------------------------|
| 視準点名 | T46 | T46 |
| 観測点名 | T8 | T45 |
| 求点名 | 3-14 | 3-15 |
| | 方向角 1 349-35- 7 | 162- 6-11 |
| | 観測角 16-10-40 | 331-12-50 |
| | 方向角 2 5-45-47 | 133-19- 1 |
| 距離 | 8.049 | 5.149 |
| COS & SIN | + 0.994946 + 0.100415 | - 0.686034 + 0.727570 |
| X 1 . Y 1 = | -146457.789 - 52811.656 | -146392.340 - 52827.782 |
| DX . DY = | + 8.008 + 0.808 | - 3.532 + 3.746 |
| X 2 . Y 2 = | -146449.781 - 52810.848 | -146395.872 - 52824.036 |

* * * 方 向 角 · 距 離 計 算 書 * * *

NO 1
 点名 X Y
 1 3-15 - 146395.872 - 52824.036
 2 3-8 - 146393.078 - 52822.962
 COS=+ 0.933414 SIN=+ 0.358800
 A L= 21- 1-35 L = 2.993

NO 2
 点名 X Y
 1 3-8 - 146393.078 - 52822.962
 2 3-2 - 146387.337 - 52814.940
 COS=+ 0.581976 SIN=+ 0.813206
 A L= 54-24-37 L = 9.865

NO 3
 点名 X Y
 1 3-2 - 146387.337 - 52814.940
 2 3-9 - 146379.173 - 52793.722
 COS=+ 0.359103 SIN=+ 0.933298
 A L= 68-57-18 L = 22.734

NO 4
 点名 X Y
 1 3-9 - 146379.173 - 52793.722
 2 3-10 - 146380.602 - 52791.097
 COS=- 0.478125 SIN=+ 0.878292
 A L= 118-33-47 L = 2.989

NO 5
 点名 X Y
 1 3-10 - 146380.602 - 52791.097
 2 3-4 - 146413.844 - 52783.789
 COS=- 0.976677 SIN=+ 0.214715
 A L= 167-36- 4 L = 34.036

NO 6
 点名 X Y
 1 3-4 - 146413.844 - 52783.789
 2 3-11 - 146441.793 - 52777.782
 COS=- 0.977674 SIN=+ 0.210129
 A L= 167-52-12 L = 28.587

NO 7
 点名 X Y
 1 3-11 - 146441.793 - 52777.782
 2 3-12 - 146444.332 - 52779.355
 COS=- 0.850080 SIN=- 0.526654
 A L= 211-46-47 L = 2.987

NO 8
 点名 X Y
 1 3-12 - 146444.332 - 52779.355
 2 3-6 - 146447.828 - 52793.807
 COS=- 0.235123 SIN=- 0.971966
 A L= 256-24- 4 L = 14.869

NO 9
 点名 X Y
 1 3-6 - 146447.828 - 52793.807
 2 3-13 - 146451.359 - 52808.274
 COS=- 0.237112 SIN=- 0.971482
 A L= 256-17- 2 L = 14.892

NO 10
 点名 X Y
 1 3-13 - 146451.359 - 52808.274
 2 3-14 - 146449.781 - 52810.848
 COS=+ 0.522655 SIN=- 0.852544
 A L= 301-30-38 L = 3.019

NO 11
 点名 X Y
 1 3-14 - 146449.781 - 52810.848
 2 3-15 - 146395.872 - 52824.036
 COS=+ 0.971356 SIN=- 0.237627
 A L= 346-15-12 L = 55.499

* * * * * 2 直 線 の 交 点 計 算 書 * * * * *

| 求 点 名 | N O | 1 3-1 | 2 | 3-3 | 3 | 3-5 | | |
|------------|--------------|-------------|------------|--------------|-------------|-----------|--------------|-------------|
| ALH T1.T2 | 346-15-12 | 234-24-37 | 68-57-18 | 347-36- 4 | 167-52-12 | 76-24- 4 | | |
| SIN T1.T2 | -0.237629 | -0.813205 | +0.933299 | -0.214716 | +0.210131 | +0.971966 | | |
| COS T1.T2 | +0.971356 | -0.581977 | +0.359101 | +0.976676 | -0.977673 | +0.235123 | | |
| コウカク = T | 111-50-35 | | 81-21-14 | | 91-28- 8 | | | |
| COSEC T | + 1.077346 | | + 1.011495 | | + 1.000329 | | | |
| | X | Y | | | | | | |
| 1 3-15 | - 146395.872 | - 52824.036 | 3-9 | - 146379.173 | - 52793.722 | 3-11 | - 146441.793 | - 52777.782 |
| 2 3-8 | - 146393.078 | - 52822.962 | 3-10 | - 146380.602 | - 52791.097 | 3-12 | - 146444.332 | - 52779.355 |
| X1-2.Y2-1 | - 2.794 | + 1.074 | | + 1.429 | + 2.625 | | + 2.539 | - 1.573 |
| X1-2*SI1.2 | + 0.6639 | + 2.2721 | | + 1.3337 | - 0.3068 | | + 0.5335 | + 2.4678 |
| Y2-1*CO1.2 | + 1.0432 | - 0.6250 | | + 0.9426 | + 2.5638 | | + 1.5379 | - 0.3698 |
| COSEC*S1.2 | + 1.8392 | + 1.7744 | | + 2.3025 | + 2.2829 | | + 2.0721 | + 2.0987 |
| キヨリ S1.S2 | 1.774 | 1.839 | | 2.283 | 2.302 | | 2.099 | 2.072 |
| | X | Y | | | | | | |
| 1 3-15 | - 146395.872 | - 52824.036 | 3-9 | - 146379.173 | - 52793.722 | 3-11 | - 146441.793 | - 52777.782 |
| DX DY | + 1.723 | - 0.422 | | + 0.820 | + 2.131 | | - 2.052 | + 0.441 |
| 3 3-1 | - 146394.149 | - 52824.458 | 3-3 | - 146378.353 | - 52791.591 | 3-5 | - 146443.845 | - 52777.341 |

| 求 点 名 | N O | 4 3-7 |
|------------|--------------|-------------|
| ALH T1.T2 | 256-17- 2 | 166-15-12 |
| SIN T1.T2 | -0.971482 | +0.237629 |
| COS T1.T2 | -0.237111 | -0.971356 |
| コウカク = T | 90- 1-50 | |
| COSEC T | + 1.000000 | |
| | X | Y |
| 1 3-13 | - 146451.359 | - 52808.274 |
| 2 3-14 | - 146449.781 | - 52810.848 |
| X1-2.Y2-1 | - 1.578 | - 2.574 |
| X1-2*SI1.2 | + 1.5330 | - 0.3750 |
| Y2-1*CO1.2 | + 0.6103 | + 2.5003 |
| COSEC*S1.2 | + 2.1433 | + 2.1253 |
| キヨリ S1.S2 | 2.125 | 2.143 |
| | X | Y |
| 1 3-13 | - 146451.359 | - 52808.274 |
| DX DY | - 0.504 | - 2.064 |
| 3 3-7 | - 146451.863 | - 52810.338 |

* * * * * 各 筆 面 積 計 算 書 * * * * *

3 BLOCK

| 点 名 | X | Y | (X-X0)*(YN-1-Y0) | (XN-1-X0)*(Y-Y0) |
|-------|--------------|-------------|------------------|------------------|
| X0・Y0 | - 146300.000 | - 52700.000 | | |
| 3-15 | - 146395.872 | - 52824.036 | | |
| 3-8 | - 146393.078 | - 52822.962 | + 11545.022808 | + 11788.612864 |
| 3-2 | - 146387.337 | - 52814.940 | + 10739.132194 | + 10698.385320 |
| 3-9 | - 146379.173 | - 52793.722 | + 9100.144620 | + 8185.398314 |
| 3-10 | - 146380.602 | - 52791.097 | + 7554.180644 | + 7212.422781 |
| 3-4 | - 146413.844 | - 52783.789 | + 10370.846868 | + 6753.560978 |
| 3-11 | - 146441.793 | - 52777.782 | + 11880.693677 | + 8855.014008 |
| 3-12 | - 146444.332 | - 52779.355 | + 11226.431624 | + 11251.983515 |
| 3-6 | - 146447.828 | - 52793.807 | + 11730.890940 | + 13539.351924 |
| 3-13 | - 146451.359 | - 52808.274 | + 14198.533713 | + 16005.928872 |
| 3-14 | - 146449.781 | - 52810.848 | + 16217.387994 | + 16777.842432 |
| 3-15 | - 146395.872 | - 52824.036 | + 10627.219456 | + 18578.236116 |
| | | | +125190.484538 | +129646.737124 |
| | | 倍面積 | = 4456.252586 | |
| | | 面積 | = 2228.126293 | |

タケ

| 点 名 | X | Y | (X-X0)*(YN-1-Y0) | (XN-1-X0)*(Y-Y0) |
|-------|--------------|-------------|------------------|------------------|
| X0・Y0 | - 146300.000 | - 52700.000 | | |
| 3-15 | - 146395.872 | - 52824.036 | | |
| 3-8 | - 146393.078 | - 52822.962 | + 11545.022808 | + 11788.612864 |
| 3-2 | - 146387.337 | - 52814.940 | + 10739.132194 | + 10698.385320 |
| 3-9 | - 146379.173 | - 52793.722 | + 9100.144620 | + 8185.398314 |
| 3-10 | - 146380.602 | - 52791.097 | + 7554.180644 | + 7212.422781 |
| 3-4 | - 146413.844 | - 52783.789 | + 10370.846868 | + 6753.560978 |
| 3-11 | - 146441.793 | - 52777.782 | + 11880.693677 | + 8855.014008 |
| 3-12 | - 146444.332 | - 52779.355 | + 11226.431624 | + 11251.983515 |
| 3-6 | - 146447.828 | - 52793.807 | + 11730.890940 | + 13539.351924 |
| 3-13 | - 146451.359 | - 52808.274 | + 14198.533713 | + 16005.928872 |
| 3-14 | - 146449.781 | - 52810.848 | + 16217.387994 | + 16777.842432 |
| 3-15 | - 146395.872 | - 52824.036 | + 10627.219456 | + 18578.236116 |
| | | | +125190.484538 | +129646.737124 |
| | | 倍面積 | = 4456.252586 | |
| | | 面積 | = 2228.126293 | |

1 スミキリ

| 点 名 | X | Y | (X-X0)*(YN-1-Y0) | (XN-1-X0)*(Y-Y0) |
|-------|--------------|-------------|------------------|------------------|
| X0・Y0 | - 146300.000 | - 52800.000 | | |
| 3-1 | - 146394.149 | - 52824.458 | | |
| 3-15 | - 146395.872 | - 52824.036 | + 2344.837376 | + 2262.965364 |
| 3-8 | - 146393.078 | - 52822.962 | + 2237.222808 | + 2201.412864 |

* * * * * 各 筆 面 積 計 算 書 * * * * *

| 点 名 | X | Y | (X-X0)*(YN-1-Y0) | (XN-1-X0)*(Y-Y0) |
|-----|--------------|-------------|------------------|------------------|
| 3-1 | - 146394.149 | - 52824.458 | + 2161.849338 | + 2276.501724 |
| | | | + 6743.909522 | + 6740.879952 |
| | | 倍面積 | = 3.029570 | |
| | | 面積 | = 1.514785 | |

3 スミキリ

| 点 名 | X | Y | (X-X0)*(YN-1-Y0) | (XN-1-X0)*(Y-Y0) |
|-------|--------------|-------------|------------------|------------------|
| X0・Y0 | - 146300.000 | - 52700.000 | | |
| 3-3 | - 146378.353 | - 52791.591 | | |
| 3-9 | - 146379.173 | - 52793.722 | + 7251.534243 | + 7343.399866 |
| 3-10 | - 146380.602 | - 52791.097 | + 7554.180644 | + 7212.422781 |
| 3-3 | - 146378.353 | - 52791.591 | + 7137.723241 | + 7382.417782 |
| | | | + 21943.438128 | + 21938.240429 |
| | | 倍面積 | = 5.197699 | |
| | | 面積 | = 2.598849 | |

5 スミキリ

| 点 名 | X | Y | (X-X0)*(YN-1-Y0) | (XN-1-X0)*(Y-Y0) |
|-------|--------------|-------------|------------------|------------------|
| X0・Y0 | - 146400.000 | - 52700.000 | | |
| 3-5 | - 146443.845 | - 52777.341 | | |
| 3-11 | - 146441.793 | - 52777.782 | + 3232.312413 | + 3410.351790 |
| 3-12 | - 146444.332 | - 52779.355 | + 3448.231624 | + 3316.483515 |
| 3-5 | - 146443.845 | - 52777.341 | + 3479.319975 | + 3428.681212 |
| | | | + 10159.864012 | + 10155.516517 |
| | | 倍面積 | = 4.347495 | |
| | | 面積 | = 2.173747 | |

7 スミキリ

| 点 名 | X | Y | (X-X0)*(YN-1-Y0) | (XN-1-X0)*(Y-Y0) |
|-------|--------------|-------------|------------------|------------------|
| X0・Y0 | - 146400.000 | - 52800.000 | | |
| 3-7 | - 146451.863 | - 52810.338 | | |
| 3-13 | - 146451.359 | - 52808.274 | + 530.949342 | + 429.114462 |
| 3-14 | - 146449.781 | - 52810.848 | + 411.887994 | + 557.142432 |
| 3-7 | - 146451.863 | - 52810.338 | + 562.609824 | + 514.635978 |
| | | | + 1505.447160 | + 1500.892872 |
| | | 倍面積 | = 4.554288 | |
| | | 面積 | = 2.277144 | |

* * * 各筆面積 集計表 * * *

| 街区名・筆名 | 各筆面積 | 隅切面積 |
|---------|---------|------|
| 3 BLOCK | 2228.12 | |
| タクチ | 2228.12 | |
| 1 スミキリ | | 1.51 |
| 3 スミキリ | | 2.59 |
| 5 スミキリ | | 2.17 |
| 7 スミキリ | | 2.27 |
| 合計 = | 2228.12 | 8.54 |