



* * * * * 街 区 成 果 表 * * * * *

2 BLOCK

| 点 名 | X | Y | 点 名 | X | Y | 点 名 | X | Y |
|------|--------------|-------------|------|--------------|-------------|------|--------------|-------------|
| 2-1 | - 146599.082 | - 53545.496 | 2-2 | - 146615.694 | - 53552.778 | 2-3 | - 146635.170 | - 53567.627 |
| 2-4 | - 146647.996 | - 53573.253 | 2-5 | - 146648.604 | - 53571.852 | 2-6 | - 146691.931 | - 53590.842 |
| 2-7 | - 146693.047 | - 53593.639 | 2-8 | - 146691.535 | - 53597.051 | 2-9 | - 146656.326 | - 53622.702 |
| 2-10 | - 146653.327 | - 53622.665 | 2-11 | - 146605.127 | - 53585.629 | 2-12 | - 146603.422 | - 53583.170 |
| 2-13 | - 146595.348 | - 53556.622 | 2-14 | - 146595.520 | - 53553.620 | | | |

| 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 |
|------|------|-----------|--------|------|------|-----------|--------|------|------|-----------|--------|
| 2-1 | 2-2 | 203-40-14 | 18.138 | 2-2 | 2-3 | 217-19-22 | 24.491 | 2-3 | 2-4 | 203-41-3 | 14.006 |
| 2-4 | 2-5 | 113-27-35 | 1.527 | 2-5 | 2-6 | 203-40-3 | 47.306 | 2-6 | 2-7 | 248-14-53 | 3.011 |
| 2-7 | 2-8 | 293-54-0 | 3.732 | 2-8 | 2-9 | 323-55-31 | 43.562 | 2-9 | 2-10 | 0-42-25 | 2.999 |
| 2-10 | 2-11 | 37-32-17 | 60.786 | 2-11 | 2-12 | 55-15-49 | 2.992 | 2-12 | 2-13 | 73-5-2 | 27.749 |
| 2-13 | 2-14 | 93-16-45 | 3.007 | 2-14 | 2-1 | 113-40-31 | 8.871 | | | | |

| 点 名 | 内 角 | 点 名 | 内 角 | 点 名 | 内 角 | 点 名 | 内 角 |
|------|-------------|------|-------------|------|-------------|------|-------------|
| 2-1 | 90- 0- 17 | 2-2 | 166- 20- 52 | 2-3 | 193- 38- 19 | 2-4 | 270- 13- 28 |
| 2-5 | 89- 47- 32 | 2-6 | 135- 25- 10 | 2-7 | 134- 20- 53 | 2-8 | 149- 58- 29 |
| 2-9 | 143- 13- 6 | 2-10 | 143- 10- 8 | 2-11 | 162- 16- 28 | 2-12 | 162- 10- 47 |
| 2-13 | 159- 48- 17 | 2-14 | 159- 36- 14 | | | | |

* * * 突出し計算書 * * *

| NO. | 1 | 2 | 3 |
|-------------|-------------------------|-------------------------|-------------------------|
| 視準点名 | MKA2 | MKB9 | MKB9 |
| 観測点名 | MKB9 | MKB40 | MKB40 |
| 求点名 | 2-1 | 2-2 | 2-3 |
| 方向角 1 | 40-43-22 | 25-31-34 | 25-31-34 |
| 観測角 | 165-37-0 | 1-49-0 | 203-11-40 |
| 方向角 2 | 206-20-22 | 27-20-34 | 228-43-14 |
| 距離 | 11.720 | 13.276 | 11.645 |
| COS & SIN | - 0.896181 - 0.443688 | + 0.888275 + 0.459313 | - 0.659732 - 0.751501 |
| X 1 . Y 1 = | -146588.579 - 53540.296 | -146627.487 - 53558.876 | -146627.487 - 53558.876 |
| DX . DY = | - 10.503 - 5.200 | + 11.793 + 6.098 | - 7.683 - 8.751 |
| X 2 . Y 2 = | -146599.082 - 53545.496 | -146615.694 - 53552.778 | -146635.170 - 53567.627 |

| NO. | 4 | 5 | 6 |
|-------------|-------------------------|-------------------------|-------------------------|
| 視準点名 | MKB40 | MKB40 | MKB10 |
| 観測点名 | MKB39 | MKB39 | MKB11 |
| 求点名 | 2-4 | 2-5 | 2-6 |
| 方向角 1 | 27-54-37 | 27-54-37 | 202-46-56 |
| 観測角 | 347-24-10 | 353-33-25 | 178-20-45 |
| 方向角 2 | 15-18-47 | 21-28-2 | 21-7-41 |
| 距離 | 14.234 | 14.099 | 12.884 |
| COS & SIN | + 0.964497 + 0.264093 | + 0.930627 + 0.365969 | + 0.932777 + 0.360454 |
| X 1 . Y 1 = | -146661.725 - 53577.012 | -146661.725 - 53577.012 | -146703.949 - 53595.486 |
| DX . DY = | + 13.729 + 3.759 | + 13.121 + 5.160 | + 12.018 + 4.644 |
| X 2 . Y 2 = | -146647.996 - 53573.253 | -146648.604 - 53571.852 | -146691.931 - 53590.842 |

| NO. | 7 | 8 | 9 |
|-------------|-------------------------|-------------------------|-------------------------|
| 視準点名 | MKB10 | MKB10 | MKB7 |
| 観測点名 | MKB11 | MKB11 | MKB13 |
| 求点名 | 2-7 | 2-8 | 2-9 |
| 方向角 1 | 202-46-56 | 202-46-56 | 5-28-42 |
| 観測角 | 166-50-5 | 150-2-0 | 200-57-15 |
| 方向角 2 | 9-37-1 | 352-48-56 | 206-25-57 |
| 距離 | 11.057 | 12.512 | 12.179 |
| COS & SIN | + 0.985947 + 0.167060 | + 0.992149 - 0.125064 | - 0.895459 - 0.445143 |
| X 1 . Y 1 = | -146703.949 - 53595.486 | -146703.949 - 53595.486 | -146645.420 - 53617.281 |
| DX . DY = | + 10.902 + 1.847 | + 12.414 - 1.565 | - 10.906 - 5.421 |
| X 2 . Y 2 = | -146693.047 - 53593.639 | -146691.535 - 53597.051 | -146656.326 - 53622.702 |

* * * 突出し計算書 * * *

| NO. | 10 | 11 | 12 |
|-------------|-------------------------|-------------------------|-------------------------|
| 視準点名 | MKB7 | MKB7 | MKB7 |
| 観測点名 | MKB13 | MKB8 | MKB8 |
| 求点名 | 2-10 | 2-11 | 2-12 |
| 距離 | 9.566 | 8.817 | 5.871 |
| COS & SIN | - 0.826584 - 0.562813 | - 0.446614 - 0.894727 | - 0.380268 - 0.924876 |
| X 1 . Y 1 = | -146645.420 - 53617.281 | -146601.189 - 53577.740 | -146601.189 - 53577.740 |
| DX . DY = | - 7.907 - 5.384 | - 3.938 - 7.889 | - 2.233 - 5.430 |
| X 2 . Y 2 = | -146653.327 - 53622.665 | -146605.127 - 53585.629 | -146603.422 - 53583.170 |

| NO. | 13 | 14 |
|-------------|-------------------------|-------------------------|
| 視準点名 | MKA2 | MKA2 |
| 観測点名 | MKB9 | MKB9 |
| 求点名 | 2-13 | 2-14 |
| 距離 | 17.674 | 15.024 |
| COS & SIN | - 0.382988 - 0.923753 | - 0.462020 - 0.886870 |
| X 1 . Y 1 = | -146588.579 - 53540.296 | -146588.579 - 53540.296 |
| DX . DY = | - 6.769 - 16.326 | - 6.941 - 13.324 |
| X 2 . Y 2 = | -146595.348 - 53556.622 | -146595.520 - 53553.620 |

* * * 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 | 2-1 | - 146599.082 | - 53545.496 | 1 | 2-2 | - 146615.694 | - 53552.778 | 1 | 2-3 | - 146635.170 | - 53567.627 |
| 2 | 2-2 | - 146615.694 | - 53552.778 | 2 | 2-3 | - 146635.170 | - 53567.627 | 2 | 2-4 | - 146647.996 | - 53573.253 |
| COS=- 0.915869 SIN=- 0.401478 | | | | COS=- 0.795232 SIN=- 0.606305 | | | | COS=- 0.915773 SIN=- 0.401695 | | | |
| A L= 203-40-14 L = 18.138 | | | | A L= 217-19-22 L = 24.491 | | | | A L= 203-41- 3 L = 14.006 | | | |
| NO 4 | | | | NO 5 | | | | NO 6 | | | |
| 点名 | | X | Y | 点名 | | X | Y | 点名 | | X | Y |
| 1 | 2-4 | - 146647.996 | - 53573.253 | 1 | 2-5 | - 146648.604 | - 53571.852 | 1 | 2-6 | - 146691.931 | - 53590.842 |
| 2 | 2-5 | - 146648.604 | - 53571.852 | 2 | 2-6 | - 146691.931 | - 53590.842 | 2 | 2-7 | - 146693.047 | - 53593.639 |
| COS=- 0.398104 SIN=+ 0.917340 | | | | COS=- 0.915890 SIN=- 0.401430 | | | | COS=- 0.370589 SIN=- 0.928797 | | | |
| A L= 113-27-35 L = 1.527 | | | | A L= 203-40- 3 L = 47.306 | | | | A L= 248-14-53 L = 3.011 | | | |
| NO 7 | | | | NO 8 | | | | NO 9 | | | |
| 点名 | | X | Y | 点名 | | X | Y | 点名 | | X | Y |
| 1 | 2-7 | - 146693.047 | - 53593.639 | 1 | 2-8 | - 146691.535 | - 53597.051 | 1 | 2-9 | - 146656.326 | - 53622.702 |
| 2 | 2-8 | - 146691.535 | - 53597.051 | 2 | 2-9 | - 146656.326 | - 53622.702 | 2 | 2-10 | - 146653.327 | - 53622.665 |
| COS=+ 0.405144 SIN=- 0.914253 | | | | COS=+ 0.808250 SIN=- 0.588839 | | | | COS=+ 0.999924 SIN=+ 0.012337 | | | |
| A L= 293-54- 0 L = 3.732 | | | | A L= 323-55-31 L = 43.562 | | | | A L= 0-42-25 L = 2.999 | | | |
| NO 10 | | | | NO 11 | | | | NO 12 | | | |
| 点名 | | X | Y | 点名 | | X | Y | 点名 | | X | Y |
| 1 | 2-10 | - 146653.327 | - 53622.665 | 1 | 2-11 | - 146605.127 | - 53585.629 | 1 | 2-12 | - 146603.422 | - 53583.170 |
| 2 | 2-11 | - 146605.127 | - 53585.629 | 2 | 2-12 | - 146603.422 | - 53583.170 | 2 | 2-13 | - 146595.348 | - 53556.622 |
| COS=+ 0.792949 SIN=+ 0.609288 | | | | COS=+ 0.569801 SIN=+ 0.821783 | | | | COS=+ 0.290969 SIN=+ 0.956732 | | | |
| A L= 37-32-17 L = 60.786 | | | | A L= 55-15-49 L = 2.992 | | | | A L= 73- 5- 2 L = 27.749 | | | |
| NO 13 | | | | NO 14 | | | | | | | |
| 点名 | | X | Y | 点名 | | X | Y | | | | |
| 1 | 2-13 | - 146595.348 | - 53556.622 | 1 | 2-14 | - 146595.520 | - 53553.620 | | | | |
| 2 | 2-14 | - 146595.520 | - 53553.620 | 2 | 2-1 | - 146599.082 | - 53545.496 | | | | |
| COS=- 0.057201 SIN=+ 0.998363 | | | | COS=- 0.401552 SIN=+ 0.915836 | | | | | | | |
| A L= 93-16-45 L = 3.007 | | | | A L= 113-40-31 L = 8.871 | | | | | | | |

* * * * * 各 筆 面 積 計 算 書 * * * * *

2 BLOCK

| 点 名 | X | Y | (X-X0)*(YN-1-Y0) | (XN-1-X0)*(Y-Y0) |
|-------|--------------|-------------|------------------|------------------|
| X0·Y0 | - 146500.000 | - 53500.000 | | |
| 2-1 | - 146599.082 | - 53545.496 | | |
| 2-2 | - 146615.694 | - 53552.778 | + 5263.614224 | + 5229.349796 |
| 2-3 | - 146635.170 | - 53567.627 | + 7134.002260 | + 7824.038138 |
| 2-4 | - 146647.996 | - 53573.253 | + 10008.525492 | + 9901.608010 |
| 2-5 | - 146648.604 | - 53571.852 | + 10885.688812 | + 10633.808592 |
| 2-6 | - 146691.931 | - 53590.842 | + 13790.626212 | + 13499.484568 |
| 2-7 | - 146693.047 | - 53593.639 | + 17536.775574 | + 17972.226909 |
| 2-8 | - 146691.535 | - 53597.051 | + 17935.145865 | + 18735.404397 |
| 2-9 | - 146656.326 | - 53622.702 | + 15171.594626 | + 23501.727570 |
| 2-10 | - 146653.327 | - 53622.665 | + 18813.529554 | + 19175.728790 |
| 2-11 | - 146605.127 | - 53585.629 | + 12895.403455 | + 13129.237683 |
| 2-12 | - 146603.422 | - 53583.170 | + 8855.922438 | + 8743.412590 |
| 2-13 | - 146595.348 | - 53556.622 | + 7930.093160 | + 5855.960484 |
| 2-14 | - 146595.520 | - 53553.620 | + 5408.533440 | + 5112.559760 |
| 2-1 | - 146599.082 | - 53545.496 | + 5312.776840 | + 4345.777920 |
| | | | +156942.231952 | +163660.325207 |
| | | 倍面積 | = 6718.093255 | |
| | | 面積 | = 3359.046627 | |

277

| 点 名 | X | Y | (X-X0)*(YN-1-Y0) | (XN-1-X0)*(Y-Y0) |
|-------|--------------|-------------|------------------|------------------|
| X0·Y0 | - 146500.000 | - 53500.000 | | |
| 2-1 | - 146599.082 | - 53545.496 | | |
| 2-2 | - 146615.694 | - 53552.778 | + 5263.614224 | + 5229.349796 |
| 2-3 | - 146635.170 | - 53567.627 | + 7134.002260 | + 7824.038138 |
| 2-4 | - 146647.996 | - 53573.253 | + 10008.525492 | + 9901.608010 |
| 2-5 | - 146648.604 | - 53571.852 | + 10885.688812 | + 10633.808592 |
| 2-6 | - 146691.931 | - 53590.842 | + 13790.626212 | + 13499.484568 |
| 2-7 | - 146693.047 | - 53593.639 | + 17536.775574 | + 17972.226909 |
| 2-8 | - 146691.535 | - 53597.051 | + 17935.145865 | + 18735.404397 |
| 2-9 | - 146656.326 | - 53622.702 | + 15171.594626 | + 23501.727570 |
| 2-10 | - 146653.327 | - 53622.665 | + 18813.529554 | + 19175.728790 |
| 2-11 | - 146605.127 | - 53585.629 | + 12895.403455 | + 13129.237683 |
| 2-12 | - 146603.422 | - 53583.170 | + 8855.922438 | + 8743.412590 |
| 2-13 | - 146595.348 | - 53556.622 | + 7930.093160 | + 5855.960484 |
| 2-14 | - 146595.520 | - 53553.620 | + 5408.533440 | + 5112.559760 |
| 2-1 | - 146599.082 | - 53545.496 | + 5312.776840 | + 4345.777920 |
| | | | +156942.231952 | +163660.325207 |
| | | 倍面積 | = 6718.093255 | |
| | | 面積 | = 3359.046627 | |

* * * 各筆面積 集計表 * * *

| 街区名・筆名 | 各筆面積 | 隅切面積 |
|---------|---------|------|
| 2 BLOCK | 3359.04 | |
| 27子 | 3359.04 | |
| 合計 = | 3359.04 | 0.00 |