



1:500

2-3 BLOCK

* * * * * 街 区 成 果 表 * * * * *

点 名	X	Y	点 名	X	Y	点 名	X	Y
2-3-1	- 146383.024	- 52874.616	2-3-2	- 146381.353	- 52869.291	2-3-3	- 146379.667	- 52861.053
2-3-21	- 146377.369	- 52848.968	2-3-4	- 146376.941	- 52846.563	2-3-5	- 146374.806	- 52834.676
2-3-6	- 146375.165	- 52833.934	2-3-7	- 146375.423	- 52833.622	2-3-8	- 146375.766	- 52833.408
2-3-9	- 146382.315	- 52831.423	2-3-10	- 146391.957	- 52828.483	2-3-11	- 146394.360	- 52831.681
2-3-12	- 146398.651	- 52836.150	2-3-13	- 146404.363	- 52841.317	2-3-14	- 146417.193	- 52857.586
2-3-15	- 146425.731	- 52862.184	2-3-16	- 146426.852	- 52863.835	2-3-18	- 146426.855	- 52874.243
2-3-19	- 146425.863	- 52875.208	2-3-22	- 146404.296	- 52875.008	2-3-20	- 146383.037	- 52874.790

2-3-17 - 146426.855 - 52875.217

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
2-3-1	2-3-2	72-34-41	5.581	2-3-2	2-3-3	78-26- 1	8.409	2-3-3	2-3-21	79-14- 1	12.302
2-3-21	2-3-4	79-54-33	2.443	2-3-4	2-3-5	79-49- 4	12.077	2-3-5	2-3-6	115-49- 8	0.824
2-3-6	2-3-7	129-35-17	0.405	2-3-7	2-3-8	148- 2-23	0.404	2-3-8	2-3-9	163- 8-17	6.843
2-3-9	2-3-10	163- 2-34	10.080	2-3-10	2-3-11	233- 4-43	4.000	2-3-11	2-3-12	226- 9-51	6.196
2-3-12	2-3-13	222- 7-55	7.702	2-3-13	2-3-14	231-44-24	20.719	2-3-14	2-3-15	208-18-14	9.697
2-3-15	2-3-16	235-49-27	1.996	2-3-16	2-3-18	269-59- 1	10.408	2-3-18	2-3-19	315-47-26	1.384
2-3-19	2-3-22	0-31-53	21.568	2-3-22	2-3-20	0-35-15	21.260	2-3-20	2-3-1	85-43-38	0.174

2-3-17 2-3-18 89-59- 1 0.974 2-3-17 2-3-19 0-31-53 0.992

点 名	内 角	点 名	内 角	点 名	内 角	点 名	内 角
2-3-1	193- 8- 57	2-3-2	174- 8- 40	2-3-3	179- 12- 0	2-3-21	179- 19- 28
2-3-4	180- 5- 29	2-3-5	143- 59- 56	2-3-6	166- 13- 51	2-3-7	161- 32- 54
2-3-8	164- 54- 6	2-3-9	180- 5- 43	2-3-10	109- 57- 51	2-3-11	186- 54- 52
2-3-12	184- 1- 56	2-3-13	170- 23- 31	2-3-14	203- 26- 10	2-3-15	152- 28- 47
2-3-16	145- 50- 26	2-3-18	134- 11- 35	2-3-19	135- 15- 33	2-3-22	179- 56- 38
2-3-20	94- 51- 37						

2-3-17 89- 27- 8

* * * 突出し計算書 * * *

NO.	1		2		3
視準点名	T69		T69		T6
観測点名	T45	方向角 1 224-51-10		47-37-57	183-27-32
求点名	T45-1	観測角 116-17-45		315-49-35	341-42-15
		方向角 2 341- 8-55		3-27-32	165- 9-47
距離	19.144		61.315		2.781
COS & SIN	+ 0.946360 - 0.323115		+ 0.998178 + 0.060332		- 0.966658 + 0.256069
X 1 . Y 1 =	-146392.340 - 52827.782		-146441.539 - 52879.027		-146380.336 - 52875.328
DX . DY =	+ 18.117 - 6.186		+ 61.203 + 3.699		- 2.688 + 0.712
X 2 . Y 2 =	-146374.223 - 52833.968		-146380.336 - 52875.328		-146383.024 - 52874.616

NO.	4		5		6
視準点名	T6		T6		T45
観測点名	T6-1	方向角 1 183-27-32		183-27-32	161- 8-55
求点名	2-3-2	観測角 276- 6- 5		263-51-35	96-40-25
		方向角 2 99-33-37		87-19- 7	257-49-20
距離	6.122		14.291		12.885
COS & SIN	- 0.166085 + 0.986111		+ 0.046782 + 0.998905		- 0.210946 - 0.977498
X 1 . Y 1 =	-146380.336 - 52875.328		-146380.336 - 52875.328		-146374.223 - 52833.968
DX . DY =	- 1.017 + 6.037		+ 0.669 + 14.275		- 2.718 - 12.595
X 2 . Y 2 =	-146381.353 - 52869.291		-146379.667 - 52861.053		-146376.941 - 52846.563

NO.	7		8		9
視準点名	T45		T45		T45
観測点名	T45-1	方向角 1 161- 8-55		161- 8-55	161- 8-55
求点名	2-3-5	観測角 69-23-30		16-47- 0	2-45- 5
		方向角 2 230-32-25		177-55-55	163-54- 0
距離	0.917		0.943		1.249
COS & SIN	- 0.635536 - 0.772072		- 0.999349 + 0.036087		- 0.960779 + 0.277315
X 1 . Y 1 =	-146374.223 - 52833.968		-146374.223 - 52833.968		-146374.223 - 52833.968
DX . DY =	- 0.583 - 0.708		- 0.942 + 0.034		- 1.200 + 0.346
X 2 . Y 2 =	-146374.806 - 52834.676		-146375.165 - 52833.934		-146375.423 - 52833.622

* * * 突出し計算書 * * *

NO.	10		11		12	
視準点名	T45		T69		T69	
観測点名	T45-1		T45		T45	
求点名	2-3-8		2-3-9		2-3-10	
	方向角 1	161- 8-55		224-51-10	224-51-10	
	観測角	358-53-35		115-11- 5	73-48-20	
	方向角 2	160- 2-30		340- 2-15	298-39-30	
距離	1.642		10.666		0.799	
COS & SIN	- 0.939941	+ 0.341337	+ 0.939916	- 0.341405	+ 0.479585	- 0.877495
X 1 . Y 1 =	-146374.223	- 52833.968	-146392.340	- 52827.782	-146392.340	- 52827.782
DX . DY =	- 1.543	+ 0.560	+ 10.025	- 3.641	+ 0.383	- 0.701
X 2 . Y 2 =	-146375.766	- 52833.408	-146382.315	- 52831.423	-146391.957	- 52828.483

NO.	13		14		15	
視準点名	T69		T69		T69	
観測点名	T45		T45		T45	
求点名	2-3-11		2-3-12		2-3-13	
	方向角 1	224-51-10		224-51-10	224-51-10	
	観測角	17-45-25		8- 7-20	3-31-55	
	方向角 2	242-36-35		232-58-30	228-23- 5	
距離	4.391		10.481		18.104	
COS & SIN	- 0.460049	- 0.887893	- 0.602163	- 0.798373	- 0.664126	- 0.747621
X 1 . Y 1 =	-146392.340	- 52827.782	-146392.340	- 52827.782	-146392.340	- 52827.782
DX . DY =	- 2.020	- 3.899	- 6.311	- 8.368	- 12.023	- 13.535
X 2 . Y 2 =	-146394.360	- 52831.681	-146398.651	- 52836.150	-146404.363	- 52841.317

NO.	16		17		18	
視準点名	T6		T6		T6	
観測点名	T69		T69		T69	
求点名	2-3-14		2-3-15		2-3-16	
	方向角 1	227-37-57		227-37-57	227-37-57	
	観測角	69- 7-10		1-48- 0	2-49- 0	
	方向角 2	296-45- 7		229-25-57	230-26-57	
距離	3.788		10.506		12.492	
COS & SIN	+ 0.450129	- 0.892964	- 0.650343	- 0.759640	- 0.636763	- 0.771060
X 1 . Y 1 =	-146418.898	- 52854.203	-146418.898	- 52854.203	-146418.898	- 52854.203
DX . DY =	+ 1.705	- 3.383	- 6.833	- 7.981	- 7.954	- 9.632
X 2 . Y 2 =	-146417.193	- 52857.586	-146425.731	- 52862.184	-146426.852	- 52863.835

* * * 突出し計算書 * * *

NO.	19	20	21
視準点名	T69	T69	T6
観測点名	T6	T6	T6-1
求点名	2-3-18	2-3-19	2-3-20
	方向角 1 47-37-57	47-37-57	183-27-32
	観測角 330-24-45	326- 3-35	345-16-20
	方向角 2 18- 2-42	13-41-32	168-43-52
距離	15.444	16.135	2.754
COS & SIN	+ 0.950814 + 0.309764	+ 0.971581 + 0.236706	- 0.980721 + 0.195414
X 1 . Y 1 =	-146441.539 - 52879.027	-146441.539 - 52879.027	-146380.336 - 52875.328
DX . DY =	+ 14.684 + 4.784	+ 15.676 + 3.819	- 2.701 + 0.538
X 2 . Y 2 =	-146426.855 - 52874.243	-146425.863 - 52875.208	-146383.037 - 52874.790

NO.	22	23
視準点名	T45	T6
観測点名	T45-1	T6-1
求点名	2-3-21	2-3-22
	方向角 1 161- 8-55	183-27-32
	観測角 97- 0-15	355-46-30
	方向角 2 258- 9-10	179-14- 2
距離	15.326	23.962
COS & SIN	- 0.205303 - 0.978699	- 0.999911 + 0.013371
X 1 . Y 1 =	-146374.223 - 52833.968	-146380.336 - 52875.328
DX . DY =	- 3.146 - 15.000	- 23.960 + 0.320
X 2 . Y 2 =	-146377.369 - 52848.968	-146404.296 - 52875.008

* * * 線 上 計 算 書 * * * (T44) - (T6) N O 1

方向角 = 183-31-30 COS= -0.998108 SIN= -0.061484 修正率 = 1.0002631

点 名	観測距離	修正距離	D X	X 配布	D Y	Y 配布	X	Y
T44							-146369.428	- 52874.585
T44-1	32.262	32.270	- 32.209	+ 0	- 1.984	+ 0	-146401.637	- 52876.569
T6	39.967	39.978	- 39.902	+ 0	- 2.458	+ 0	-146441.539	- 52879.027
合計 =	72.229	72.248	- 72.111	+ 0	- 4.442	+ 0	- 72.111	- 4.442

* * * 方 向 角 · 距 離 計 算 書 * * *

NO 1
 点名 X Y
 1 T44 - 146369.428 - 52874.585
 2 T6 - 146441.539 - 52879.027
 COS=- 0.998108 SIN=- 0.061483
 A L= 183-31-30 L = 72.248

NO 2
 点名 X Y
 1 2-3-1 - 146383.024 - 52874.616
 2 2-3-2 - 146381.353 - 52869.291
 COS=+ 0.299407 SIN=+ 0.954125
 A L= 72-34-41 L = 5.581

NO 3
 点名 X Y
 1 2-3-2 - 146381.353 - 52869.291
 2 2-3-3 - 146379.667 - 52861.053
 COS=+ 0.200505 SIN=+ 0.979693
 A L= 78-26- 1 L = 8.409

NO 4
 点名 X Y
 1 2-3-3 - 146379.667 - 52861.053
 2 2-3-21 - 146377.369 - 52848.968
 COS=+ 0.186806 SIN=+ 0.982397
 A L= 79-14- 1 L = 12.302

NO 5
 点名 X Y
 1 2-3-21 - 146377.369 - 52848.968
 2 2-3-4 - 146376.941 - 52846.563
 COS=+ 0.175210 SIN=+ 0.984531
 A L= 79-54-33 L = 2.443

NO 6
 点名 X Y
 1 2-3-4 - 146376.941 - 52846.563
 2 2-3-5 - 146374.806 - 52834.676
 COS=+ 0.176779 SIN=+ 0.984251
 A L= 79-49- 4 L = 12.077

NO 7
 点名 X Y
 1 2-3-5 - 146374.806 - 52834.676
 2 2-3-6 - 146375.165 - 52833.934
 COS=- 0.435529 SIN=+ 0.900175
 A L= 115-49- 8 L = 0.824

NO 8
 点名 X Y
 1 2-3-6 - 146375.165 - 52833.934
 2 2-3-7 - 146375.423 - 52833.622
 COS=- 0.637264 SIN=+ 0.770645
 A L= 129-35-17 L = 0.405

NO 9
 点名 X Y
 1 2-3-7 - 146375.423 - 52833.622
 2 2-3-8 - 146375.766 - 52833.408
 COS=- 0.848415 SIN=+ 0.529332
 A L= 148- 2-23 L = 0.404

NO 10
 点名 X Y
 1 2-3-8 - 146375.766 - 52833.408
 2 2-3-9 - 146382.315 - 52831.423
 COS=- 0.957006 SIN=+ 0.290068
 A L= 163- 8-17 L = 6.843

NO 11
 点名 X Y
 1 2-3-9 - 146382.315 - 52831.423
 2 2-3-10 - 146391.957 - 52828.483
 COS=- 0.956522 SIN=+ 0.291659
 A L= 163- 2-34 L = 10.080

NO 12
 点名 X Y
 1 2-3-10 - 146391.957 - 52828.483
 2 2-3-11 - 146394.360 - 52831.681
 COS=- 0.600720 SIN=- 0.799460
 A L= 233- 4-43 L = 4.000

NO 13
 点名 X Y
 1 2-3-11 - 146394.360 - 52831.681
 2 2-3-12 - 146398.651 - 52836.150
 COS=- 0.692596 SIN=- 0.721326
 A L= 226- 9-51 L = 6.196

NO 14
 点名 X Y
 1 2-3-12 - 146398.651 - 52836.150
 2 2-3-13 - 146404.363 - 52841.317
 COS=- 0.741600 SIN=- 0.670842
 A L= 222- 7-55 L = 7.702

NO 15
 点名 X Y
 1 2-3-13 - 146404.363 - 52841.317
 2 2-3-14 - 146417.193 - 52857.586
 COS=- 0.619230 SIN=- 0.785210
 A L= 231-44-24 L = 20.719

* * * 方 向 角 · 距 離 計 算 書 * * *

NO 16
 点名 X Y
 1 2-3-14 - 146417.193 - 52857.586
 2 2-3-15 - 146425.731 - 52862.184
 COS=- 0.880445 SIN=- 0.474149
 A L= 208-18-14 L = 9.697

NO 17
 点名 X Y
 1 2-3-15 - 146425.731 - 52862.184
 2 2-3-16 - 146426.852 - 52863.835
 COS=- 0.561734 SIN=- 0.827318
 A L= 235-49-27 L = 1.996

NO 18
 点名 X Y
 1 2-3-16 - 146426.852 - 52863.835
 2 2-3-18 - 146426.855 - 52874.243
 COS=- 0.000288 SIN=- 1.000000
 A L= 269-59- 1 L = 10.408

NO 19
 点名 X Y
 1 2-3-18 - 146426.855 - 52874.243
 2 2-3-19 - 146425.863 - 52875.208
 COS=+ 0.716794 SIN=- 0.697285
 A L= 315-47-26 L = 1.384

NO 20
 点名 X Y
 1 2-3-19 - 146425.863 - 52875.208
 2 2-3-22 - 146404.296 - 52875.008
 COS=+ 0.999957 SIN=+ 0.009273
 A L= 0-31-53 L = 21.568

NO 21
 点名 X Y
 1 2-3-22 - 146404.296 - 52875.008
 2 2-3-20 - 146383.037 - 52874.790
 COS=+ 0.999947 SIN=+ 0.010254
 A L= 0-35-15 L = 21.260

NO 22
 点名 X Y
 1 2-3-20 - 146383.037 - 52874.790
 2 2-3-1 - 146383.024 - 52874.616
 COS=+ 0.074505 SIN=+ 0.997221
 A L= 85-43-38 L = 0.174

* * * * * 2 直 線 の 交 点 計 算 書 * * * * *

求 点 名		N O	1	2-3-17
ALH T1.T2		269-59- 1		180-31-53
SIN T1.T2		-1.000000		-0.009274
COS T1.T2		-0.000286		-0.999957
コウカク = T		89-27- 8		
COSEC T	+	1.000046		
		X		Y
1 2-3-18	-	146426.855	-	52874.243
2 2-3-19	-	146425.863	-	52875.208
X1-2.Y2-1	-	0.992	-	0.965
X1-2*SI1.2	+	0.9920	+	0.0092
Y2-1*CO1.2	+	0.0003	+	0.9650
COSEC*S1.2	+	0.9923	+	0.9742
キヨリ S1.S2		0.974		0.992
		X		Y
1 2-3-18	-	146426.855	-	52874.243
DX DY	+	0.000	-	0.974
3 2-3-17	-	146426.855	-	52875.217

* * * * * 各 筆 面 積 計 算 書 * * * * *

2-3 BLOCK

点 名	X	Y	(X-X0)*(YN-1-Y0)	(XN-1-X0)*(Y-Y0)
X0・Y0	- 146300.000	- 52800.000		
2-3-1	- 146383.024	- 52874.616		
2-3-2	- 146381.353	- 52869.291	+ 6070.235448	+ 5752.815984
2-3-3	- 146379.667	- 52861.053	+ 5520.206097	+ 4966.844709
2-3-21	- 146377.369	- 52848.968	+ 4723.609557	+ 3901.133656
2-3-4	- 146376.941	- 52846.563	+ 3767.646888	+ 3602.532747
2-3-5	- 146374.806	- 52834.676	+ 3483.191778	+ 2668.006116
2-3-6	- 146375.165	- 52833.934	+ 2606.421540	+ 2538.466804
2-3-7	- 146375.423	- 52833.622	+ 2559.404082	+ 2527.197630
2-3-8	- 146375.766	- 52833.408	+ 2547.404452	+ 2519.731584
2-3-9	- 146382.315	- 52831.423	+ 2749.979520	+ 2380.795018
2-3-10	- 146391.957	- 52828.483	+ 2889.564811	+ 2344.578145
2-3-11	- 146394.360	- 52831.681	+ 2687.655880	+ 2913.289717
2-3-12	- 146398.651	- 52836.150	+ 3125.362331	+ 3411.114000
2-3-13	- 146404.363	- 52841.317	+ 3772.722450	+ 4075.963367
2-3-14	- 146417.193	- 52857.586	+ 4842.063181	+ 6009.847718
2-3-15	- 146425.731	- 52862.184	+ 7240.345366	+ 7287.529512
2-3-16	- 146426.852	- 52863.835	+ 7888.164768	+ 8026.038385
2-3-18	- 146426.855	- 52874.243	+ 8097.788925	+ 9417.873036
2-3-19	- 146425.863	- 52875.208	+ 9344.446709	+ 9540.510840
2-3-22	- 146404.296	- 52875.008	+ 7843.893568	+ 9440.731904
2-3-20	- 146383.037	- 52874.790	+ 6228.439296	+ 7800.297840
2-3-1	- 146383.024	- 52874.616	+ 6209.364960	+ 6195.888792
			+104197.911607	+107321.187504
		倍面積	= 3123.275897	
		面積	= 1561.637948	

タク子

点 名	X	Y	(X-X0)*(YN-1-Y0)	(XN-1-X0)*(Y-Y0)
X0・Y0	- 146300.000	- 52800.000		
2-3-1	- 146383.024	- 52874.616		
2-3-2	- 146381.353	- 52869.291	+ 6070.235448	+ 5752.815984
2-3-3	- 146379.667	- 52861.053	+ 5520.206097	+ 4966.844709
2-3-21	- 146377.369	- 52848.968	+ 4723.609557	+ 3901.133656
2-3-4	- 146376.941	- 52846.563	+ 3767.646888	+ 3602.532747
2-3-5	- 146374.806	- 52834.676	+ 3483.191778	+ 2668.006116
2-3-6	- 146375.165	- 52833.934	+ 2606.421540	+ 2538.466804
2-3-7	- 146375.423	- 52833.622	+ 2559.404082	+ 2527.197630
2-3-8	- 146375.766	- 52833.408	+ 2547.404452	+ 2519.731584
2-3-9	- 146382.315	- 52831.423	+ 2749.979520	+ 2380.795018
2-3-10	- 146391.957	- 52828.483	+ 2889.564811	+ 2344.578145
2-3-11	- 146394.360	- 52831.681	+ 2687.655880	+ 2913.289717
2-3-12	- 146398.651	- 52836.150	+ 3125.362331	+ 3411.114000
2-3-13	- 146404.363	- 52841.317	+ 3772.722450	+ 4075.963367

* * * * * 各 筆 面 積 計 算 書 * * * * *

点 名	X	Y	(X-X0)*(YN-1-Y0)	(XN-1-X0)*(Y-Y0)
2-3-14	- 146417.193	- 52857.586	+ 4842.063181	+ 6009.847718
2-3-15	- 146425.731	- 52862.184	+ 7240.345366	+ 7287.529512
2-3-16	- 146426.852	- 52863.835	+ 7888.164768	+ 8026.038385
2-3-18	- 146426.855	- 52874.243	+ 8097.788925	+ 9417.873036
2-3-19	- 146425.863	- 52875.208	+ 9344.446709	+ 9540.510840
2-3-22	- 146404.296	- 52875.008	+ 7843.893568	+ 9440.731904
2-3-20	- 146383.037	- 52874.790	+ 6228.439296	+ 7800.297840
2-3-1	- 146383.024	- 52874.616	+ 6209.364960	+ 6195.888792
			+104197.911607	+107321.187504
		倍面積	= 3123.275897	
		面積	= 1561.637948	

17 スミキリ

点 名	X	Y	(X-X0)*(YN-1-Y0)	(XN-1-X0)*(Y-Y0)
X0・Y0	- 146400.000	- 52800.000		
2-3-17	- 146426.855	- 52875.217		
2-3-18	- 146426.855	- 52874.243	+ 2019.952535	+ 1993.795765
2-3-19	- 146425.863	- 52875.208	+ 1920.146709	+ 2019.710840
2-3-17	- 146426.855	- 52875.217	+ 2019.710840	+ 1945.337271
			+ 5959.810084	+ 5958.843876
		倍面積	= 0.966208	
		面積	= 0.483104	

* * * 各筆面積 集計表 * * *

街区名・筆名	各筆面積	隅切面積
2-3 BLOCK	1561.63	
タク子 17 スミキリ	1561.63	0.48
合計 =	1561.63	0.48