



1:500

\* \* \* 突出し計算書 \* \* \*

NO.	1		2		3
視準点名	T45		T45		T45
	方向角 1	44-51-10		44-51-10	
観測点名	T69		T69		T69
	観測角	303-41-30		302-47-55	
求点名	2-3-29		2-3-30		2-3-31
	方向角 2	348-32-40		347-39- 5	
距離	26.960		24.035		15.687
COS & SIN	+ 0.980079	- 0.198608	+ 0.976864	- 0.213859	+ 0.958792
X 1 . Y 1 =	-146418.898	- 52854.203	-146418.898	- 52854.203	-146418.898
DX . DY =	+ 26.423	- 5.354	+ 23.479	- 5.140	+ 15.041
X 2 . Y 2 =	-146392.475	- 52859.557	-146395.419	- 52859.343	-146403.857

NO.	4		5		6
視準点名	T45		T45		T45
	方向角 1	44-51-10		44-51-10	
観測点名	T69-1		T69-1		T69-1
	観測角	298-16-25		299- 7- 5	
求点名	2-3-32		2-3-33		2-3-34
	方向角 2	343- 7-35		343-58-15	
距離	14.443		16.406		16.373
COS & SIN	+ 0.956947	- 0.290261	+ 0.961121	- 0.276127	+ 0.971186
X 1 . Y 1 =	-146405.828	- 52841.200	-146405.828	- 52841.200	-146405.828
DX . DY =	+ 13.821	- 4.192	+ 15.768	- 4.530	+ 15.901
X 2 . Y 2 =	-146392.007	- 52845.392	-146390.060	- 52845.730	-146389.927

NO.	7		8		9
視準点名	T45		T45		T45
	方向角 1	44-51-10		44-51-10	
観測点名	T69-1		T69-1		T69-1
	観測角	301-20- 0		303-17-20	
求点名	2-3-35		2-3-36		2-3-37
	方向角 2	346-11-10		348- 8-30	
距離	16.248		16.210		16.337
COS & SIN	+ 0.971076	- 0.238769	+ 0.978659	- 0.205493	+ 0.978718
X 1 . Y 1 =	-146405.828	- 52841.200	-146405.828	- 52841.200	-146405.828
DX . DY =	+ 15.778	- 3.880	+ 15.864	- 3.331	+ 15.989
X 2 . Y 2 =	-146390.050	- 52845.080	-146389.964	- 52844.531	-146389.839

\* \* \* 突出し計算書 \* \* \*

NO.	10
視準点名	T45
	方向角 1 44-51-10
観測点名	T69-1
	観測角 309-29- 5
求点名	2-3-38
	方向角 2 354-20-15
距離	16.379
COS & SIN	+ 0.995120 - 0.098668
X 1 . Y 1 =	-146405.828 - 52841.200
DX . DY =	+ 16.299 - 1.616
X 2 . Y 2 =	-146389.529 - 52842.816

\* \* \* 線上計算書 \* \* \* (T69 ) - (T45 ) N O 1

方向角 = 44-51-10 COS= +0.708921 SIN= +0.705288 修正率 = 1.0000801

点名	観測距離	修正距離	D X	X 配布	D Y	Y 配布	X	Y
T69							-146418.898	- 52854.203
T69-1	18.435	18.436	+ 13.070	+ 0	+ 13.003	+ 0	-146405.828	- 52841.200
T45	19.024	19.026	+ 13.488	+ 0	+ 13.419	- 1	-146392.340	- 52827.782
合計 =	37.459	37.462	+ 26.558	+ 0	+ 26.422	- 1	+ 26.558	+ 26.421

\* \* \* 線上計算書 \* \* \* (2-3-2 ) - (2-3-3 ) N O 2

方向角 = 78-26- 1 COS= +0.200503 SIN= +0.979693 修正率 = 1.0003569

点名	観測距離	修正距離	D X	X 配布	D Y	Y 配布	X	Y
2-3-2							-146381.353	- 52869.291
2-3-23	8.086	8.089	+ 1.622	+ 0	+ 7.925	- 1	-146379.731	- 52861.367
2-3-3	0.320	0.320	+ 0.064	+ 0	+ 0.314	+ 0	-146379.667	- 52861.053
合計 =	8.406	8.409	+ 1.686	+ 0	+ 8.239	- 1	+ 1.686	+ 8.238

\* \* \* 線上計算書 \* \* \* (2-3-21 ) - (2-3-4 ) N O 3

方向角 = 79-54-33 COS= +0.175209 SIN= +0.984531 修正率 = 1.0012295

点名	観測距離	修正距離	D X	X 配布	D Y	Y 配布	X	Y
2-3-21							-146377.369	- 52848.968
2-3-24	2.045	2.048	+ 0.359	+ 0	+ 2.016	+ 0	-146377.010	- 52846.952
2-3-4	0.395	0.395	+ 0.069	+ 0	+ 0.389	+ 0	-146376.941	- 52846.563
合計 =	2.440	2.443	+ 0.428	+ 0	+ 2.405	+ 0	+ 0.428	+ 2.405

\* \* \* 線上計算書 \* \* \* (2-3-4 ) - (2-3-5 ) N O 4

方向角 = 79-49- 4 COS= +0.176779 SIN= +0.984251 修正率 = 0.9999172

点名	観測距離	修正距離	D X	X 配布	D Y	Y 配布	X	Y
2-3-4							-146376.941	- 52846.563
2-3-25	0.120	0.120	+ 0.021	+ 0	+ 0.118	+ 0	-146376.920	- 52846.445
2-3-5	11.958	11.957	+ 2.114	+ 0	+ 11.769	+ 0	-146374.806	- 52834.676
合計 =	12.078	12.077	+ 2.135	+ 0	+ 11.887	+ 0	+ 2.135	+ 11.887

\* \* \* 線上計算書 \* \* \* (2-3-12) - (2-3-13) NO 5

方向角 = 222-7-55    COS= -0.741602    SIN= -0.670840    修正率 = 0.9994809

点名	観測距離	修正距離	D X	X 配布	D Y	Y 配布	X	Y
2-3-12							-146398.651	- 52836.150
2-3-26	6.429	6.426	- 4.766	+ 0	- 4.311	+ 0	-146403.417	- 52840.461
2-3-13	1.277	1.276	- 0.946	+ 0	- 0.856	+ 0	-146404.363	- 52841.317
合計 =	7.706	7.702	- 5.712	+ 0	- 5.167	+ 0	- 5.712	- 5.167

\* \* \* 線上計算書 \* \* \* (2-3-13) - (2-3-14) NO 6

方向角 = 231-44-24    COS= -0.619231    SIN= -0.785209    修正率 = 1.0005795

点名	観測距離	修正距離	D X	X 配布	D Y	Y 配布	X	Y
2-3-13							-146404.363	- 52841.317
2-3-27	2.206	2.207	- 1.367	+ 0	- 1.733	+ 0	-146405.730	- 52843.050
2-3-14	18.501	18.512	- 11.463	+ 0	- 14.536	+ 0	-146417.193	- 52857.586
合計 =	20.707	20.719	- 12.830	+ 0	- 16.269	+ 0	- 12.830	- 16.269

\* \* \* 線上計算書 \* \* \* (2-3-22) - (2-3-20) NO 7

方向角 = 0-35-15    COS= +0.999947    SIN= +0.010254    修正率 = 1.0002352

点名	観測距離	修正距離	D X	X 配布	D Y	Y 配布	X	Y
2-3-22							-146404.296	- 52875.008
2-3-28	10.672	10.675	+ 10.674	+ 1	+ 0.109	+ 0	-146393.621	- 52874.899
2-3-20	10.583	10.585	+ 10.584	+ 0	+ 0.109	+ 0	-146383.037	- 52874.790
合計 =	21.255	21.260	+ 21.258	+ 1	+ 0.218	+ 0	+ 21.259	+ 0.218

\* \* \* 方 向 角 · 距 離 計 算 書 \* \* \*

NO 1  
 点名 X Y  
 1 2-3-23 - 146379.731 - 52861.367  
 2 2-3-29 - 146392.475 - 52859.557  
 COS=- 0.990064 SIN=+ 0.140616  
 A L= 171-54-59 L = 12.872

NO 2  
 点名 X Y  
 1 2-3-24 - 146377.010 - 52846.952  
 2 2-3-34 - 146389.927 - 52845.102  
 COS=- 0.989899 SIN=+ 0.141775  
 A L= 171-50-58 L = 13.049

NO 3  
 点名 X Y  
 1 2-3-25 - 146376.920 - 52846.445  
 2 2-3-37 - 146389.839 - 52844.552  
 COS=- 0.989435 SIN=+ 0.144980  
 A L= 171-39-50 L = 13.057

NO 4  
 点名 X Y  
 1 2-3-26 - 146403.417 - 52840.461  
 2 2-3-38 - 146389.529 - 52842.816  
 COS=+ 0.985926 SIN=- 0.167184  
 A L= 350-22-33 L = 14.086

NO 5  
 点名 X Y  
 1 2-3-27 - 146405.730 - 52843.050  
 2 2-3-32 - 146392.007 - 52845.392  
 COS=+ 0.985748 SIN=- 0.168230  
 A L= 350-18-54 L = 13.921

NO 6  
 点名 X Y  
 1 2-3-14 - 146417.193 - 52857.586  
 2 2-3-31 - 146403.857 - 52858.660  
 COS=+ 0.996773 SIN=- 0.080274  
 A L= 355-23-44 L = 13.379

NO 7  
 点名 X Y  
 1 2-3-22 - 146404.296 - 52875.008  
 2 2-3-31 - 146403.857 - 52858.660  
 COS=+ 0.026844 SIN=+ 0.999640  
 A L= 88-27-42 L = 16.354

NO 8  
 点名 X Y  
 1 2-3-28 - 146393.621 - 52874.899  
 2 2-3-29 - 146392.475 - 52859.557  
 COS=+ 0.074489 SIN=+ 0.997222  
 A L= 85-43-41 L = 15.385

NO 9  
 点名 X Y  
 1 2-3-29 - 146392.475 - 52859.557  
 2 2-3-30 - 146395.419 - 52859.343  
 COS=- 0.997368 SIN=+ 0.072499  
 A L= 175-50-33 L = 2.952

NO 10  
 点名 X Y  
 1 2-3-30 - 146395.419 - 52859.343  
 2 2-3-31 - 146403.857 - 52858.660  
 COS=- 0.996740 SIN=+ 0.080679  
 A L= 175-22-21 L = 8.466

NO 11  
 点名 X Y  
 1 2-3-30 - 146395.419 - 52859.343  
 2 2-3-32 - 146392.007 - 52845.392  
 COS=+ 0.237568 SIN=+ 0.971371  
 A L= 76-15-25 L = 14.362

NO 12  
 点名 X Y  
 1 2-3-32 - 146392.007 - 52845.392  
 2 2-3-33 - 146390.060 - 52845.730  
 COS=+ 0.985264 SIN=- 0.171042  
 A L= 350- 9- 6 L = 1.976

NO 13  
 点名 X Y  
 1 2-3-33 - 146390.060 - 52845.730  
 2 2-3-34 - 146389.927 - 52845.102  
 COS=+ 0.207188 SIN=+ 0.978301  
 A L= 78- 2-33 L = 0.642

NO 14  
 点名 X Y  
 1 2-3-34 - 146389.927 - 52845.102  
 2 2-3-35 - 146390.050 - 52845.080  
 COS=- 0.984378 SIN=+ 0.176068  
 A L= 169-51-33 L = 0.125

NO 15  
 点名 X Y  
 1 2-3-35 - 146390.050 - 52845.080  
 2 2-3-36 - 146389.964 - 52844.531  
 COS=+ 0.154761 SIN=+ 0.987952  
 A L= 81- 5-49 L = 0.556

\* \* \* 方 向 角 · 距 離 計 算 書 \* \* \*

NO 16  
点名 X Y  
1 2-3-36 - 146389.964 - 52844.531  
2 2-3-37 - 146389.839 - 52844.552  
COS=+ 0.986180 SIN=- 0.165678  
A L= 350-27-48 L = 0.127

NO 17  
点名 X Y  
1 2-3-37 - 146389.839 - 52844.552  
2 2-3-38 - 146389.529 - 52842.816  
COS=+ 0.175791 SIN=+ 0.984428  
A L= 79-52-31 L = 1.763

\* \* \* \* \* 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	

1 LOT

点 名	X	Y	(X-X0)*(YN-1-Y0)	(XN-1-X0)*(Y-Y0)
X0·Y0	- 146300.000	- 52800.000		
2-3-25	- 146376.920	- 52846.445		
2-3-5	- 146374.806	- 52834.676	+ 3474.364670	+ 2667.277920
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
2-3-26	- 146403.417	- 52840.461	+ 3738.524550	+ 3991.518111
2-3-38	- 146389.529	- 52842.816	+ 3622.432869	+ 4427.902272
2-3-37	- 146389.839	- 52844.552	+ 3846.546624	+ 3988.696008
2-3-25	- 146376.920	- 52846.445	+ 3426.939840	+ 4172.572355
			+ 37274.601169	+ 37883.139564
		倍面積	= 608.538395	
		面積	= 304.269197	

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

2 LOT

点 名	X	Y	(X-X0)*(YN-1-Y0)	(XN-1-X0)*(Y-Y0)
X0·Y0	- 146300.000	- 52800.000		
2-3-26	- 146403.417	- 52840.461		
2-3-13	- 146404.363	- 52841.317	+ 4222.631343	+ 4272.880189
2-3-27	- 146405.730	- 52843.050	+ 4368.446410	+ 4492.827150
2-3-32	- 146392.007	- 52845.392	+ 3960.901350	+ 4799.296160
2-3-33	- 146390.060	- 52845.730	+ 4088.003520	+ 4207.480110
2-3-34	- 146389.927	- 52845.102	+ 4112.361710	+ 4061.886120
2-3-35	- 146390.050	- 52845.080	+ 4061.435100	+ 4053.909160
2-3-36	- 146389.964	- 52844.531	+ 4055.577120	+ 4010.016550
2-3-37	- 146389.839	- 52844.552	+ 4000.620509	+ 4008.076128
2-3-38	- 146389.529	- 52842.816	+ 3988.696008	+ 3846.546624
2-3-26	- 146403.417	- 52840.461	+ 4427.902272	+ 3622.432869
			+ 41286.575342	+ 41375.351060
		倍面積	= 88.775718	
		面積	= 44.387859	

3 LOT

点 名	X	Y	(X-X0)*(YN-1-Y0)	(XN-1-X0)*(Y-Y0)
X0·Y0	- 146300.000	- 52800.000		
2-3-27	- 146405.730	- 52843.050		
2-3-14	- 146417.193	- 52857.586	+ 5045.158650	+ 6088.567780
2-3-31	- 146403.857	- 52858.660	+ 5980.709202	+ 6874.541380
2-3-30	- 146395.419	- 52859.343	+ 5597.278540	+ 6163.185951
2-3-32	- 146392.007	- 52845.392	+ 5459.971401	+ 4331.259248
2-3-27	- 146405.730	- 52843.050	+ 4799.296160	+ 3960.901350
			+ 26882.413953	+ 27418.455709
		倍面積	= 536.041756	
		面積	= 268.020878	

4 LOT

点 名	X	Y	(X-X0)*(YN-1-Y0)	(XN-1-X0)*(Y-Y0)
X0·Y0	- 146400.000	- 52800.000		
2-3-14	- 146417.193	- 52857.586		
2-3-15	- 146425.731	- 52862.184	+ 1481.745366	+ 1069.129512
2-3-16	- 146426.852	- 52863.835	+ 1669.764768	+ 1642.538385
2-3-18	- 146426.855	- 52874.243	+ 1714.288925	+ 1993.573036
2-3-19	- 146425.863	- 52875.208	+ 1920.146709	+ 2019.710840
2-3-22	- 146404.296	- 52875.008	+ 323.093568	+ 1939.931904
2-3-31	- 146403.857	- 52858.660	+ 289.305856	+ 252.003360
2-3-14	- 146417.193	- 52857.586	+ 1008.541380	+ 222.109202
			+ 8406.886572	+ 9138.996239
		倍面積	= 732.109667	
		面積	= 366.054833	

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

5 LOT

点 名	X	Y	(X-X0)*(YN-1-Y0)	(XN-1-X0)*(Y-Y0)
X0·Y0	- 146300.000	- 52800.000		
2-3-22	- 146404.296	- 52875.008		
2-3-28	- 146393.621	- 52874.899	+ 7022.323968	+ 7811.666104
2-3-29	- 146392.475	- 52859.557	+ 6926.285025	+ 5575.785897
2-3-30	- 146395.419	- 52859.343	+ 5682.869383	+ 5487.743925
2-3-31	- 146403.857	- 52858.660	+ 6163.185951	+ 5597.278540
2-3-22	- 146404.296	- 52875.008	+ 6118.003360	+ 7790.105856
			+ 31912.667687	+ 32262.580322
		倍面積	= 349.912635	
		面積	= 174.956317	

6 LOT

点 名	X	Y	(X-X0)*(YN-1-Y0)	(XN-1-X0)*(Y-Y0)
X0·Y0	- 146300.000	- 52800.000		
2-3-28	- 146393.621	- 52874.899		
2-3-20	- 146383.037	- 52874.790	+ 6219.388263	+ 7001.914590
2-3-1	- 146383.024	- 52874.616	+ 6209.364960	+ 6195.888792
2-3-2	- 146381.353	- 52869.291	+ 6070.235448	+ 5752.815984
2-3-23	- 146379.731	- 52861.367	+ 5524.640721	+ 4992.389551
2-3-29	- 146392.475	- 52859.557	+ 5674.913325	+ 4748.539167
2-3-28	- 146393.621	- 52874.899	+ 5575.785897	+ 6926.285025
			+ 35274.328614	+ 35617.833109
		倍面積	= 343.504495	
		面積	= 171.752247	

7 LOT

点 名	X	Y	(X-X0)*(YN-1-Y0)	(XN-1-X0)*(Y-Y0)
X0·Y0	- 146300.000	- 52800.000		
2-3-23	- 146379.731	- 52861.367		
2-3-3	- 146379.667	- 52861.053	+ 4888.924789	+ 4867.816743
2-3-21	- 146377.369	- 52848.968	+ 4723.609557	+ 3901.133656
2-3-24	- 146377.010	- 52846.952	+ 3771.025680	+ 3632.629288
2-3-34	- 146389.927	- 52845.102	+ 4222.252504	+ 3473.305020
2-3-33	- 146390.060	- 52845.730	+ 4061.886120	+ 4112.361710
2-3-32	- 146392.007	- 52845.392	+ 4207.480110	+ 4088.003520
2-3-30	- 146395.419	- 52859.343	+ 4331.259248	+ 5459.971401
2-3-29	- 146392.475	- 52859.557	+ 5487.743925	+ 5682.869383
2-3-23	- 146379.731	- 52861.367	+ 4748.539167	+ 5674.913325
			+ 40442.721100	+ 40893.004046
		倍面積	= 450.282946	
		面積	= 225.141473	

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

8 LOT

点 名	X	Y	(X-X0)*(YN-1-Y0)	(XN-1-X0)*(Y-Y0)
X0・Y0	- 146300.000	- 52800.000		
2-3-24	- 146377.010	- 52846.952		
2-3-4	- 146376.941	- 52846.563	+ 3612.533832	+ 3585.816630
2-3-25	- 146376.920	- 52846.445	+ 3581.625960	+ 3573.524745
2-3-37	- 146389.839	- 52844.552	+ 4172.572355	+ 3426.939840
2-3-36	- 146389.964	- 52844.531	+ 4008.076128	+ 4000.620509
2-3-35	- 146390.050	- 52845.080	+ 4010.016550	+ 4055.577120
2-3-34	- 146389.927	- 52845.102	+ 4053.909160	+ 4061.435100
2-3-24	- 146377.010	- 52846.952	+ 3473.305020	+ 4222.252504
			+ 26912.039005	+ 26926.166448
		倍面積	= 14.127443	
		面積	= 7.063721	

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	
1 LOT	304.26	
2 LOT	44.38	
3 LOT	268.02	
4 LOT	366.05	
5 LOT	174.95	
6 LOT	171.75	
7 LOT	225.14	
8 LOT	7.06	
17 スミキリ		0.48
合計 =	1561.61	0.48