



1:500

\* \* \* 突出し計算書 \* \* \*

NO.	1		2		3	
視準点名	T45		T45		T45	
観測点名	T69		T69		T69	
求点名	4-33		4-36		4-37	
	方向角 1	44-51-10		44-51-10		
	観測角	73- 5-45		59-19-10		
	方向角 2	117-56-55		104-10-20		
距離	18.013		19.163		21.496	
COS & SIN	- 0.468679	+ 0.883368	- 0.244837	+ 0.969564	- 0.426920	+ 0.904290
X 1 . Y 1 =	-146418.898	- 52854.203	-146418.898	- 52854.203	-146418.898	- 52854.203
DX . DY =	- 8.442	+ 15.912	- 4.692	+ 18.580	- 9.177	+ 19.439
X 2 . Y 2 =	-146427.340	- 52838.291	-146423.590	- 52835.623	-146428.075	- 52834.764

NO.	4	
視準点名	T8	
観測点名	T46	
求点名	4-39	
	方向角 1	169-35- 7
	観測角	83- 6-20
	方向角 2	252-41-27
距離	5.427	
COS & SIN	- 0.297528	- 0.954713
X 1 . Y 1 =	-146421.784	- 52818.274
DX . DY =	- 1.615	- 5.181
X 2 . Y 2 =	-146423.399	- 52823.455

\* \* \* 線上計算書 \* \* \* (4-16) - (4-2) NO 1

方向角 = 89-55-48 COS= +0.001222 SIN= +0.999999 修正率 = 1.0005715

点名	觀測距離	修正距離	D X	X 配布	D Y	Y 配布	X	Y
4-16							-146431.888	- 52873.182
4-24	8.929	8.934 +	0.011 +	0 +	8.934 +	0 +	-146431.877	- 52864.248
4-2	3.319	3.321 +	0.004 +	0 +	3.321 +	0 +	-146431.873	- 52860.927
合計 =	12.248	12.255 +	0.015 +	0 +	12.255 +	0 +	0.015 +	12.255

\* \* \* 線上計算書 \* \* \* (4-4) - (4-5) NO 2

方向角 = 51-24-13 COS= +0.623830 SIN= +0.781560 修正率 = 1.0009856

点名	觀測距離	修正距離	D X	X 配布	D Y	Y 配布	X	Y
4-4							-146411.012	- 52843.265
4-25	3.337	3.340 +	2.084 +	0 +	2.610 +	1 +	-146408.928	- 52840.654
4-5	1.736	1.738 +	1.084 +	0 +	1.358 +	0 +	-146407.844	- 52839.296
合計 =	5.073	5.078 +	3.168 +	0 +	3.968 +	1 +	3.168 +	3.969

\* \* \* 線上計算書 \* \* \* (4-5) - (4-6) NO 3

方向角 = 46-16-26 COS= +0.691212 SIN= +0.722652 修正率 = 1.0025013

点名	觀測距離	修正距離	D X	X 配布	D Y	Y 配布	X	Y
4-5							-146407.844	- 52839.296
4-26	1.560	1.564 +	1.081 +	0 +	1.130 +	0 +	-146406.763	- 52838.166
4-6	0.439	0.440 +	0.304 +	0 +	0.318 +	0 +	-146406.459	- 52837.848
合計 =	1.999	2.004 +	1.385 +	0 +	1.448 +	0 +	1.385 +	1.448

\* \* \* 線上計算書 \* \* \* (4-17) - (4-18) NO 4

方向角 = 107- 9- 6 COS= -0.294902 SIN= +0.955527 修正率 = 0.9997533

点名	觀測距離	修正距離	D X	X 配布	D Y	Y 配布	X	Y
4-17							-146399.160	- 52830.912
4-27	1.713	1.713 -	0.505 +	0 +	1.637 +	0 +	-146399.665	- 52829.275
4-18	2.340	2.339 -	0.690 +	0 +	2.235 +	0 +	-146400.355	- 52827.040
合計 =	4.053	4.052 -	1.195 +	0 +	3.872 +	0 -	1.195 +	3.872

\* \* \* 線上計算書 \* \* \* (4-9) - (4-19) NO 5

方向角 = 166-13-21 COS= -0.971228 SIN= +0.238152 修正率 = 1.0002267

点名	観測距離	修正距離	D X	X 配布	D Y	Y 配布	X	Y
4-9							-146425.016	- 52821.017
4-28	1.294	1.294	- 1.257	+ 0 +	0.308	+ 0	-146426.273	- 52820.709
4-29	19.208	19.213	- 18.660	+ 0 +	4.576	+ 0	-146444.933	- 52816.133
4-19	5.963	5.964	- 5.792	+ 0 +	1.420	+ 0	-146450.725	- 52814.713
合計 =	26.465	26.471	- 25.709	+ 0 +	6.304	+ 0	- 25.709	+ 6.304

\* \* \* 線上計算書 \* \* \* (4-11) - (4-12) NO 6

方向角 = 260-55-52 COS= -0.157622 SIN= -0.987500 修正率 = 0.9996560

点名	観測距離	修正距離	D X	X 配布	D Y	Y 配布	X	Y
4-11							-146457.079	- 52831.946
4-30	2.545	2.544	- 0.401	+ 0 -	2.512	+ 0	-146457.480	- 52834.458
4-12	6.175	6.173	- 0.973	+ 0 -	6.096	+ 0	-146458.453	- 52840.554
合計 =	8.720	8.717	- 1.374	+ 0 -	8.608	+ 0	- 1.374	- 8.608

\* \* \* 線上計算書 \* \* \* (4-12) - (4-13) NO 7

方向角 = 260-48-41 COS= -0.159685 SIN= -0.987168 修正率 = 0.9999329

点名	観測距離	修正距離	D X	X 配布	D Y	Y 配布	X	Y
4-12							-146458.453	- 52840.554
4-31	19.175	19.174	- 3.062	+ 0 -	18.928	+ 0	-146461.515	- 52859.482
4-13	10.623	10.622	- 1.696	+ 0 -	10.486	+ 0	-146463.211	- 52869.968
合計 =	29.798	29.796	- 4.758	+ 0 -	29.414	+ 0	- 4.758	- 29.414

\* \* \* 線上計算書 \* \* \* (4-24) - (4-31) NO 8

方向角 = 170-51-53 COS= -0.987316 SIN= +0.158766 修正率 = 0.9999334

点名	観測距離	修正距離	D X	X 配布	D Y	Y 配布	X	Y
4-24							-146431.877	- 52864.248
4-32	12.041	12.040	- 11.887	+ 0 +	1.912	+ 0	-146443.764	- 52862.336
4-31	17.980	17.979	- 17.751	+ 0 +	2.854	+ 0	-146461.515	- 52859.482
合計 =	30.021	30.019	- 29.638	+ 0 +	4.766	+ 0	- 29.638	+ 4.766

\* \* \* 線上計算書 \* \* \* (4-28) - (4-37) NO 9

方向角 = 262-41-38 COS= -0.127170 SIN= -0.991881 修正率 = 1.0004942

点名	観測距離	修正距離	D X	X 配布	D Y	Y 配布	X	Y
4-28							-146426.273	- 52820.709

4-38	2.067	2.068	-	0.263	+	0	-	2.051	+	0	-	146426.536	-	52822.760
4-37	12.096	12.102	-	1.539	+	0	-	12.004	+	0	-	146428.075	-	52834.764
合計 =	14.163	14.170	-	1.802	+	0	-	14.055	+	0	-	1.802	-	14.055

\* \* \* 線上計算書 \* \* \* (4-30) - (4-33) NO 10

方向角 = 352-45-9    COS = +0.992010    SIN = -0.126156    修正率 = 0.9997368

点名	観測距離	修正距離		D X	X 配布		D Y	Y 配布	X	Y		
4-30									-146457.480	- 52834.458		
4-35	7.910	7.908	+	7.845	+	0	-	0.998	+	0		
4-34	10.090	10.087	+	10.006	+	0	-	1.273	+	1		
4-33	12.391	12.388	+	12.289	+	0	-	1.563	+	0		
合計 =	30.391	30.383	+	30.140	+	0	-	3.834	+	1		
									+	30.140	-	3.833

\* \* \* 方 向 角 · 距 離 計 算 書 \* \* \*

NO 1  
 点名 X Y  
 1 4-24 - 146431.877 - 52864.248  
 2 4-31 - 146461.515 - 52859.482  
 COS=- 0.987316 SIN=+ 0.158767  
 A L= 170-51-53 L = 30.019

NO 2  
 点名 X Y  
 1 4-28 - 146426.273 - 52820.709  
 2 4-37 - 146428.075 - 52834.764  
 COS=- 0.127170 SIN=- 0.991881  
 A L= 262-41-38 L = 14.170

NO 3  
 点名 X Y  
 1 4-30 - 146457.480 - 52834.458  
 2 4-33 - 146427.340 - 52838.291  
 COS=+ 0.992010 SIN=- 0.126157  
 A L= 352-45- 9 L = 30.383

NO 4  
 点名 X Y  
 1 4-25 - 146408.928 - 52840.654  
 2 4-33 - 146427.340 - 52838.291  
 COS=- 0.991865 SIN=+ 0.127296  
 A L= 172-41-12 L = 18.563

NO 5  
 点名 X Y  
 1 4-26 - 146406.763 - 52838.166  
 2 4-36 - 146423.590 - 52835.623  
 COS=- 0.988772 SIN=+ 0.149429  
 A L= 171-24-22 L = 17.018

NO 6  
 点名 X Y  
 1 4-36 - 146423.590 - 52835.623  
 2 4-37 - 146428.075 - 52834.764  
 COS=- 0.982148 SIN=+ 0.188108  
 A L= 169- 9-27 L = 4.567

NO 7  
 点名 X Y  
 1 4-27 - 146399.665 - 52829.275  
 2 4-39 - 146423.399 - 52823.455  
 COS=- 0.971225 SIN=+ 0.238162  
 A L= 166-13-19 L = 24.437

NO 8  
 点名 X Y  
 1 4-39 - 146423.399 - 52823.455  
 2 4-38 - 146426.536 - 52822.760  
 COS=- 0.976326 SIN=+ 0.216304  
 A L= 167-30-29 L = 3.213

NO 9  
 点名 X Y  
 1 4-29 - 146444.933 - 52816.133  
 2 4-35 - 146449.635 - 52835.456  
 COS=- 0.236438 SIN=- 0.971647  
 A L= 256-19-25 L = 19.887

NO 10  
 点名 X Y  
 1 4-34 - 146439.629 - 52836.728  
 2 4-32 - 146443.764 - 52862.336  
 COS=- 0.159408 SIN=- 0.987213  
 A L= 260-49-39 L = 25.940

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

4 BLOCK

点 名	X	Y	(X-X0)*(YN-1-Y0)	(XN-1-X0)*(Y-Y0)
X0·Y0	- 146300.000	- 52800.000		
4-23	- 146433.958	- 52875.338		
4-16	- 146431.888	- 52873.182	+ 9936.178144	+ 9803.314356
4-2	- 146431.873	- 52860.927	+ 9650.729886	+ 8035.540176
4-3	- 146419.821	- 52854.474	+ 7300.334067	+ 7183.649802
4-4	- 146411.012	- 52843.265	+ 6047.267688	+ 5184.055565
4-5	- 146407.844	- 52839.296	+ 4665.870660	+ 4362.327552
4-6	- 146406.459	- 52837.848	+ 4183.412864	+ 4081.679712
4-7	- 146401.969	- 52833.779	+ 3859.322712	+ 3596.078561
4-17	- 146399.160	- 52830.912	+ 3349.525640	+ 3152.065728
4-18	- 146400.355	- 52827.040	+ 3102.173760	+ 2681.286400
4-9	- 146425.016	- 52821.017	+ 3380.432640	+ 2109.161035
4-19	- 146450.725	- 52814.713	+ 3167.787325	+ 1839.360408
4-20	- 146453.305	- 52816.268	+ 2255.576465	+ 2451.994300
4-11	- 146457.079	- 52831.946	+ 2555.361172	+ 4897.481530
4-12	- 146458.453	- 52840.554	+ 5061.939538	+ 6370.181766
4-13	- 146463.211	- 52869.968	+ 6618.858894	+ 11086.639504
4-21	- 146463.874	- 52873.933	+ 11465.936032	+ 12066.678863
4-22	- 146461.897	- 52876.177	+ 11969.530901	+ 12483.429698
4-15	- 146442.644	- 52875.617	+ 10866.191988	+ 12242.165449
4-23	- 146433.958	- 52875.338	+ 10129.502086	+ 10746.513672
			+119565.932462	+124373.604077
		倍面積	= 4807.671615	
		面積	= 2403.835807	

1 LOT

点 名	X	Y	(X-X0)*(YN-1-Y0)	(XN-1-X0)*(Y-Y0)
X0·Y0	- 146300.000	- 52800.000		
4-27	- 146399.665	- 52829.275		
4-18	- 146400.355	- 52827.040	+ 2937.892625	+ 2694.941600
4-9	- 146425.016	- 52821.017	+ 3380.432640	+ 2109.161035
4-28	- 146426.273	- 52820.709	+ 2653.879641	+ 2588.956344
4-38	- 146426.536	- 52822.760	+ 2620.434024	+ 2873.973480
4-39	- 146423.399	- 52823.455	+ 2808.561240	+ 2967.901880
4-27	- 146399.665	- 52829.275	+ 2337.642575	+ 3612.505725
			+ 16738.842745	+ 16847.440064
		倍面積	= 108.597319	
		面積	= 54.298659	

2 LOT

点 名	X	Y	(X-X0)*(YN-1-Y0)	(XN-1-X0)*(Y-Y0)
X0·Y0	- 146300.000	- 52800.000		
4-26	- 146406.763	- 52838.166		
4-6	- 146406.459	- 52837.848	+ 4063.114194	+ 4040.766024

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

点 名	X	Y	(X-X0)*(YN-1-Y0)	(XN-1-X0)*(Y-Y0)
4-7	- 146401.969	- 52833.779	+ 3859.322712	+ 3596.078561
4-17	- 146399.160	- 52830.912	+ 3349.525640	+ 3152.065728
4-27	- 146399.665	- 52829.275	+ 3080.844480	+ 2902.909000
4-39	- 146423.399	- 52823.455	+ 3612.505725	+ 2337.642575
4-38	- 146426.536	- 52822.760	+ 2967.901880	+ 2808.561240
4-37	- 146428.075	- 52834.764	+ 2914.987000	+ 4398.897504
4-36	- 146423.590	- 52835.623	+ 4296.482760	+ 4562.415725
4-26	- 146406.763	- 52838.166	+ 3803.218349	+ 4716.935940
			+ 31947.902740	+ 32516.272297
		倍面積	= 568.369557	
		面積	= 284.184778	

3 LOT

点 名	X	Y	(X-X0)*(YN-1-Y0)	(XN-1-X0)*(Y-Y0)
X0·Y0	- 146400.000	- 52800.000		
4-28	- 146426.273	- 52820.709		
4-29	- 146444.933	- 52816.133	+ 930.517497	+ 423.862309
4-35	- 146449.635	- 52835.456	+ 800.761455	+ 1593.144448
4-33	- 146427.340	- 52838.291	+ 969.367040	+ 1900.573785
4-25	- 146408.928	- 52840.654	+ 341.862048	+ 1111.480360
4-5	- 146407.844	- 52839.296	+ 318.889976	+ 350.834688
4-26	- 146406.763	- 52838.166	+ 265.758848	+ 299.374104
4-36	- 146423.590	- 52835.623	+ 900.335940	+ 240.918349
4-37	- 146428.075	- 52834.764	+ 1000.115725	+ 820.082760
4-28	- 146426.273	- 52820.709	+ 913.354572	+ 581.405175
			+ 6440.963101	+ 7321.675978
		倍面積	= 880.712877	
		面積	= 440.356438	

4 LOT

点 名	X	Y	(X-X0)*(YN-1-Y0)	(XN-1-X0)*(Y-Y0)
X0·Y0	- 146400.000	- 52800.000		
4-29	- 146444.933	- 52816.133		
4-19	- 146450.725	- 52814.713	+ 818.346425	+ 661.099229
4-20	- 146453.305	- 52816.268	+ 784.276465	+ 825.194300
4-11	- 146457.079	- 52831.946	+ 928.561172	+ 1702.881530
4-30	- 146457.480	- 52834.458	+ 1836.256080	+ 1966.828182
4-35	- 146449.635	- 52835.456	+ 1710.322830	+ 2038.010880
4-29	- 146444.933	- 52816.133	+ 1593.144448	+ 800.761455
			+ 7670.907420	+ 7994.775576
		倍面積	= 323.868156	
		面積	= 161.934078	

\* \* \* \* \* 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	- 146400.000	- 52800.000		
4-30	- 146457.480	- 52834.458		
4-12	- 146458.453	- 52840.554	+ 2014.173474	+ 2331.043920
4-31	- 146461.515	- 52859.482	+ 2494.679310	+ 3476.901346
4-32	- 146443.764	- 52862.336	+ 2603.170248	+ 3834.599040
4-34	- 146439.629	- 52836.728	+ 2470.313344	+ 1607.364192
4-30	- 146457.480	- 52834.458	+ 2111.125440	+ 1365.536082
			+ 11693.461816	+ 12615.444580
		倍面積	= 921.982764	
		面積	= 460.991382	

6 LOT

点 名	X	Y	(X-X0)*(YN-1-Y0)	(XN-1-X0)*(Y-Y0)
X0·Y0	- 146400.000	- 52800.000		
4-31	- 146461.515	- 52859.482		
4-13	- 146463.211	- 52869.968	+ 3759.916702	+ 4304.081520
4-21	- 146463.874	- 52873.933	+ 4469.136032	+ 4673.378863
4-22	- 146461.897	- 52876.177	+ 4576.230901	+ 4865.729698
4-15	- 146442.644	- 52875.617	+ 3248.491988	+ 4680.465449
4-23	- 146433.958	- 52875.338	+ 2567.802086	+ 3212.713672
4-16	- 146431.888	- 52873.182	+ 2402.378144	+ 2485.114356
4-24	- 146431.877	- 52864.248	+ 2332.822614	+ 2048.740224
4-31	- 146461.515	- 52859.482	+ 3952.215720	+ 1896.107714
			+ 27308.994187	+ 28166.331496
		倍面積	= 857.337309	
		面積	= 428.668654	

7 LOT

点 名	X	Y	(X-X0)*(YN-1-Y0)	(XN-1-X0)*(Y-Y0)
X0·Y0	- 146400.000	- 52800.000		
4-24	- 146431.877	- 52864.248		
4-2	- 146431.873	- 52860.927	+ 2047.776504	+ 1942.169979
4-3	- 146419.821	- 52854.474	+ 1207.634067	+ 1736.249802
4-4	- 146411.012	- 52843.265	+ 599.867688	+ 857.555565
4-25	- 146408.928	- 52840.654	+ 386.269920	+ 447.681848
4-33	- 146427.340	- 52838.291	+ 1111.480360	+ 341.862048
4-34	- 146439.629	- 52836.728	+ 1517.434039	+ 1004.143520
4-32	- 146443.764	- 52862.336	+ 1607.364192	+ 2470.313344
4-24	- 146431.877	- 52864.248	+ 1987.084672	+ 2811.749472
			+ 10464.911442	+ 11611.725578
		倍面積	= 1146.814136	
		面積	= 573.407068	

\* \* \* \* \* 各筆面積計算書 \* \* \* \* \*

1 スミキリ

点名	X	Y	(X-X0)*(YN-1-Y0)	(XN-1-X0)*(Y-Y0)
X0・Y0	- 146400.000	- 52800.000		
4-1	- 146431.890	- 52875.272		
4-23	- 146433.958	- 52875.338	+ 2556.086576	+ 2402.528820
4-16	- 146431.888	- 52873.182	+ 2402.378144	+ 2485.114356
4-1	- 146431.890	- 52875.272	+ 2333.773980	+ 2400.273536
			+ 7292.238700	+ 7287.916712
		倍面積	= 4.321988	
		面積	= 2.160994	

8 スミキリ

点名	X	Y	(X-X0)*(YN-1-Y0)	(XN-1-X0)*(Y-Y0)
X0・Y0	- 146300.000	- 52800.000		
4-8	- 146396.330	- 52828.023		
4-17	- 146399.160	- 52830.912	+ 2778.760680	+ 2977.752960
4-18	- 146400.355	- 52827.040	+ 3102.173760	+ 2681.286400
4-8	- 146396.330	- 52828.023	+ 2604.763200	+ 2812.248165
			+ 8485.697640	+ 8471.287525
		倍面積	= 14.410115	
		面積	= 7.205057	

10 スミキリ

点名	X	Y	(X-X0)*(YN-1-Y0)	(XN-1-X0)*(Y-Y0)
X0・Y0	- 146400.000	- 52800.000		
4-10	- 146452.807	- 52814.202		
4-19	- 146450.725	- 52814.713	+ 720.396450	+ 776.949391
4-20	- 146453.305	- 52816.268	+ 784.276465	+ 825.194300
4-10	- 146452.807	- 52814.202	+ 859.064276	+ 757.037610
			+ 2363.737191	+ 2359.181301
		倍面積	= 4.555890	
		面積	= 2.277945	

14 スミキリ

点名	X	Y	(X-X0)*(YN-1-Y0)	(XN-1-X0)*(Y-Y0)
X0・Y0	- 146400.000	- 52800.000		
4-14	- 146464.261	- 52876.246		
4-21	- 146463.874	- 52873.933	+ 4870.137004	+ 4751.008513
4-22	- 146461.897	- 52876.177	+ 4576.230901	+ 4865.729698
4-14	- 146464.261	- 52876.246	+ 4895.210197	+ 4719.398662
			+ 14341.578102	+ 14336.136873
		倍面積	= 5.441229	
		面積	= 2.720614	

\* \* \* 各筆面積 集計表 \* \* \*

街区名・筆名	各筆面積	隅切面積
4 BLOCK	2403.83	
1 LOT	54.29	
2 LOT	284.18	
3 LOT	440.35	
4 LOT	161.93	
5 LOT	460.99	
6 LOT	428.66	
7 LOT	573.40	
1 スミキリ		2.16
8 スミキリ		7.20
10 スミキリ		2.27
14 スミキリ		2.72
合計 =	2403.80	14.35