

* * * * * 街 区 成 果 表 * * * * *

5 BLOCK

点 名	X	Y	点 名	X	Y	点 名	X	Y
5-1	- 146750.472	- 53675.815	5-2	- 146745.942	- 53670.579	5-3	- 146746.291	- 53667.603
5-4	- 146775.384	- 53646.420	5-5	- 146780.055	- 53626.363	5-6	- 146782.590	- 53624.749
5-7	- 146785.520	- 53625.380	5-8	- 146788.461	- 53625.985	5-9	- 146791.406	- 53626.536
5-10	- 146794.358	- 53627.050	5-11	- 146797.820	- 53627.615	5-12	- 146808.178	- 53630.777
5-13	- 146811.158	- 53631.081	5-14	- 146814.154	- 53631.312	5-15	- 146817.149	- 53631.474
5-16	- 146819.961	- 53631.643	5-17	- 146821.088	- 53633.102	5-18	- 146818.423	- 53651.058
S87	- 146817.974	- 53650.918	S88	- 146813.076	- 53642.934	S89	- 146798.208	- 53652.908
S90	- 146800.227	- 53655.677	S91	- 146788.347	- 53665.869	S92	- 146768.891	- 53679.595
S93	- 146763.903	- 53672.043	S94	- 146759.141	- 53675.039	S95	- 146756.402	- 53671.911

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
5-1	5-2	49- 8- 5	6.924	5-2	5-3	96-41-19	2.996	5-3	5-4	143-56-28	35.988
5-4	5-5	103- 6-35	20.594	5-5	5-6	147-30-56	3.005	5-6	5-7	192- 9-13	2.997
5-7	5-8	191-37-27	3.003	5-8	5-9	190-35-50	2.996	5-9	5-10	189-52-38	2.996
5-10	5-11	189-16- 8	3.508	5-11	5-12	196-58-33	10.830	5-12	5-13	185-49-29	2.995
5-13	5-14	184-24-32	3.005	5-14	5-15	183- 5-46	2.999	5-15	5-16	183-26-22	2.817
5-16	5-17	232-18-57	1.844	5-17	5-18	278-26-32	18.153	5-18	S87	17-17-36	0.470
S87	S88	58-28-19	9.367	S88	S89	326- 8-41	17.904	S89	S90	233-54- 9	3.427
S90	S91	319-22-24	15.653	S91	S92	324-47-51	23.810	S92	S93	56-33-21	9.051
S93	S94	327-49-27	5.626	S94	S95	48-47-36	4.158	S95	5-1	326-38- 8	7.100

点 名	内 角	点 名	内 角	点 名	内 角	点 名	内 角
5-1	97- 30- 3	5-2	132- 26- 46	5-3	132- 44- 51	5-4	220- 49- 53
5-5	135- 35- 39	5-6	135- 21- 43	5-7	180- 31- 46	5-8	181- 1- 37
5-9	180- 43- 12	5-10	180- 36- 30	5-11	172- 17- 35	5-12	191- 9- 4
5-13	181- 24- 57	5-14	181- 18- 46	5-15	179- 39- 24	5-16	131- 7- 25
5-17	133- 52- 25	5-18	81- 8- 56	S87	138- 49- 17	S88	272- 19- 38
S89	272- 14- 32	S90	94- 31- 45	S91	174- 34- 33	S92	88- 14- 30
S93	268- 43- 54	S94	99- 1- 51	S95	262- 9- 28		

* * * 突出し計算書 * * *

NO.	1	2	3
視準点名	MKB38	MKB38	MKB2
観測点名	MKB2	MKB2	MKB3
求点名	5-2	5-3	5-4
方向角 1	57- 1-26	57- 1-26	325-43-20
観測角	121- 3-45	99-22-20	183-13-55
方向角 2	178- 5-11	156-23-46	148-57-15
距離	7.000	8.016	6.486
COS & SIN	- 0.999442 + 0.033393	- 0.916336 + 0.400411	- 0.856755 + 0.515724
X 1 . Y 1 =	-146738.946 - 53670.813	-146738.946 - 53670.813	-146769.827 - 53649.765
DX . DY =	- 6.996 + 0.234	- 7.345 + 3.210	- 5.557 + 3.345
X 2 . Y 2 =	-146745.942 - 53670.579	-146746.291 - 53667.603	-146775.384 - 53646.420

NO.	4	5	6
視準点名	MKB3	MKB3	MKB3
観測点名	MKB4	MKB4	MKB4
求点名	5-5	5-6	5-7
方向角 1	312-48-51	312-48-51	312-48-51
観測角	45-42-30	55-17-45	53-22-30
方向角 2	358-31-21	8- 6-36	6-11-21
距離	11.738	9.292	6.306
COS & SIN	+ 0.999668 - 0.025784	+ 0.989999 + 0.141074	+ 0.994171 + 0.107811
X 1 . Y 1 =	-146791.789 - 53626.060	-146791.789 - 53626.060	-146791.789 - 53626.060
DX . DY =	+ 11.734 - 0.303	+ 9.199 + 1.311	+ 6.269 + 0.680
X 2 . Y 2 =	-146780.055 - 53626.363	-146782.590 - 53624.749	-146785.520 - 53625.380

NO.	7	8	9
視準点名	MKB3	MKB3	MKB3
観測点名	MKB4	MKB4	MKB4
求点名	5-8	5-9	5-10
方向角 1	312-48-51	312-48-51	312-48-51
観測角	48-28-45	356- 1-45	248-16-10
方向角 2	1-17-36	308-50-36	201- 5- 1
距離	3.329	0.611	2.753
COS & SIN	+ 0.999745 + 0.022571	+ 0.627193 - 0.778864	- 0.933056 - 0.359730
X 1 . Y 1 =	-146791.789 - 53626.060	-146791.789 - 53626.060	-146791.789 - 53626.060
DX . DY =	+ 3.328 + 0.075	+ 0.383 - 0.476	- 2.569 - 0.990
X 2 . Y 2 =	-146788.461 - 53625.985	-146791.406 - 53626.536	-146794.358 - 53627.050

* * * 突出し計算書 * * *

NO.	10	11	12
視準点名	MKB3	MKB4	MKB4
観測点名	MKB4	MKB5	MKB5
求点名	5-11	5-12	5-13
方向角 1	312-48-51	10-34-55	10-34-55
観測角	241-38-45	350-50-30	349- 1-20
方向角 2	194-27-36	1-25-25	359-36-15
距離	6.228	10.223	7.240
COS & SIN	- 0.968322 - 0.249704	+ 0.999691 + 0.024844	+ 0.999976 - 0.006909
X 1 . Y 1 =	-146791.789 - 53626.060	-146818.398 - 53631.031	-146818.398 - 53631.031
DX . DY =	- 6.031 - 1.555	+ 10.220 + 0.254	+ 7.240 - 0.050
X 2 . Y 2 =	-146797.820 - 53627.615	-146808.178 - 53630.777	-146811.158 - 53631.081

NO.	13	14	15
視準点名	MKB4	MKB4	MKB4
観測点名	MKB5	MKB5	MKB5
求点名	5-14	5-15	5-16
方向角 1	10-34-55	10-34-55	10-34-55
観測角	345-38- 0	329-52-20	190-48-30
方向角 2	356-12-55	340-27-15	201-23-25
距離	4.253	1.325	1.679
COS & SIN	+ 0.997819 - 0.066008	+ 0.942374 - 0.334561	- 0.931118 - 0.364719
X 1 . Y 1 =	-146818.398 - 53631.031	-146818.398 - 53631.031	-146818.398 - 53631.031
DX . DY =	+ 4.244 - 0.281	+ 1.249 - 0.443	- 1.563 - 0.612
X 2 . Y 2 =	-146814.154 - 53631.312	-146817.149 - 53631.474	-146819.961 - 53631.643

NO.	16
視準点名	MKB4
観測点名	MKB5
求点名	5-17
方向角 1	10-34-55
観測角	207- 0-50
方向角 2	217-35-45
距離	3.395
COS & SIN	- 0.792334 - 0.610088
X 1 . Y 1 =	-146818.398 - 53631.031
DX . DY =	- 2.690 - 2.071
X 2 . Y 2 =	-146821.088 - 53633.102

* * * 線上計算書 * * * (S95) - (S96) N O 1

方向角 = 326-38- 8 COS= +0.835189 SIN= -0.549963 修正率 = 0.9995967

点 名	観測距離	修正距離	D X	X 配布	D Y	Y 配布	X	Y
S95							-146756.402	- 53671.911
5-1	7.103	7.100	+	5.930 + 0 -	3.905	+ 1	-146750.472	- 53675.815
S96	5.296	5.294	+	4.421 + 0 -	2.912	+ 0	-146746.051	- 53678.727
合計 =	12.399	12.394	+	10.351 + 0 -	6.817	+ 1	+ 10.351	- 6.816

* * * 線上計算書 * * * (S86-2) - (S87) N O 2

方向角 = 17-17-36 COS= +0.954795 SIN= +0.297264 修正率 = 0.9992032

点 名	観測距離	修正距離	D X	X 配布	D Y	Y 配布	X	Y
S86-2							-146822.763	- 53652.409
5-18	4.550	4.546	+	4.340 + 0 +	1.351	+ 0	-146818.423	- 53651.058
S87	0.470	0.470	+	0.449 + 0 +	0.140	+ 0	-146817.974	- 53650.918
合計 =	5.020	5.016	+	4.789 + 0 +	1.491	+ 0	+ 4.789	+ 1.491

* * * 方 向 角 · 距 離 計 算 書 * * *

NO 1 点名			NO 2 点名			NO 3 点名					
	X	Y		X	Y		X	Y			
1	5-1	- 146750.472	- 53675.815	1	5-2	- 146745.942	- 53670.579	1	5-3	- 146746.291	- 53667.603
2	5-2	- 146745.942	- 53670.579	2	5-3	- 146746.291	- 53667.603	2	5-4	- 146775.384	- 53646.420
COS=+ 0.654281 SIN=+ 0.756251			COS=- 0.116473 SIN=+ 0.993194			COS=- 0.808413 SIN=+ 0.588616					
AL= 49- 8- 5 L = 6.924			AL= 96-41-19 L = 2.996			AL= 143-56-28 L = 35.988					

NO 4 点名			NO 5 点名			NO 6 点名					
	X	Y		X	Y		X	Y			
1	5-4	- 146775.384	- 53646.420	1	5-5	- 146780.055	- 53626.363	1	5-6	- 146782.590	- 53624.749
2	5-5	- 146780.055	- 53626.363	2	5-6	- 146782.590	- 53624.749	2	5-7	- 146785.520	- 53625.380
COS=- 0.226817 SIN=+ 0.973937			COS=- 0.843538 SIN=+ 0.537069			COS=- 0.977587 SIN=- 0.210532					
AL= 103- 6-35 L = 20.594			AL= 147-30-56 L = 3.005			AL= 192- 9-13 L = 2.997					

NO 7 点名			NO 8 点名			NO 9 点名					
	X	Y		X	Y		X	Y			
1	5-7	- 146785.520	- 53625.380	1	5-8	- 146788.461	- 53625.985	1	5-9	- 146791.406	- 53626.536
2	5-8	- 146788.461	- 53625.985	2	5-9	- 146791.406	- 53626.536	2	5-10	- 146794.358	- 53627.050
COS=- 0.979490 SIN=- 0.201493			COS=- 0.982944 SIN=- 0.183906			COS=- 0.985177 SIN=- 0.171538					
AL= 191-37-27 L = 3.003			AL= 190-35-50 L = 2.996			AL= 189-52-38 L = 2.996					

NO 10 点名			NO 11 点名			NO 12 点名					
	X	Y		X	Y		X	Y			
1	5-10	- 146794.358	- 53627.050	1	5-11	- 146797.820	- 53627.615	1	5-12	- 146808.178	- 53630.777
2	5-11	- 146797.820	- 53627.615	2	5-12	- 146808.178	- 53630.777	2	5-13	- 146811.158	- 53631.081
COS=- 0.986943 SIN=- 0.161070			COS=- 0.956428 SIN=- 0.291970			COS=- 0.994837 SIN=- 0.101487					
AL= 189-16- 8 L = 3.508			AL= 196-58-33 L = 10.830			AL= 185-49-29 L = 2.995					

NO 13 点名			NO 14 点名			NO 15 点名					
	X	Y		X	Y		X	Y			
1	5-13	- 146811.158	- 53631.081	1	5-14	- 146814.154	- 53631.312	1	5-15	- 146817.149	- 53631.474
2	5-14	- 146814.154	- 53631.312	2	5-15	- 146817.149	- 53631.474	2	5-16	- 146819.961	- 53631.643
COS=- 0.997041 SIN=- 0.076875			COS=- 0.998540 SIN=- 0.1054011			COS=- 0.998199 SIN=- 0.059991					
AL= 184-24-32 L = 3.005			AL= 183- 5-46 L = 2.999			AL= 183-26-22 L = 2.817					

* * * 方向角 · 距離 計算書 * * *

NO 16

点名	X	Y
1 5-16	- 146819.961	- 53631.643
2 5-17	- 146821.088	- 53633.102

NO 17

点名	X	Y
1 5-17	- 146821.088	- 53633.102
2 5-18	- 146818.423	- 53651.058

COS=- 0.611309 SIN=- 0.791392

A L= 232-18-57 L = 1.844

COS=+ 0.146810 SIN=- 0.989165

A L= 278-26-32 L = 18.153

* * * * * 各 筆 面 積 計 算 書 * * * * *

5 BLOCK

点 名	X	Y	(X-X0)*(YN-1-Y0)	(XN-1-X0)*(Y-Y0)
X0·Y0	- 146700.000	- 53600.000		
5-1	- 146750.472	- 53675.815		
5-2	- 146745.942	- 53670.579	+ 3483.092730	+ 3562.263288
5-3	- 146746.291	- 53667.603	+ 3267.172489	+ 3105.817026
5-4	- 146775.384	- 53646.420	+ 5096.184552	+ 2148.828220
5-5	- 146780.055	- 53626.363	+ 3716.153100	+ 1987.348392
5-6	- 146782.590	- 53624.749	+ 2177.320170	+ 1981.281195
5-7	- 146785.520	- 53625.380	+ 2116.534480	+ 2096.134200
5-8	- 146788.461	- 53625.985	+ 2245.140180	+ 2222.237200
5-9	- 146791.406	- 53626.536	+ 2375.184910	+ 2347.401096
5-10	- 146794.358	- 53627.050	+ 2503.883888	+ 2472.532300
5-11	- 146797.820	- 53627.615	+ 2646.031000	+ 2605.696170
5-12	- 146808.178	- 53630.777	+ 2987.335470	+ 3010.606140
5-13	- 146811.158	- 53631.081	+ 3421.109766	+ 3362.280418
5-14	- 146814.154	- 53631.312	+ 3548.020474	+ 3480.579296
5-15	- 146817.149	- 53631.474	+ 3668.169488	+ 3592.882996
5-16	- 146819.961	- 53631.643	+ 3775.652514	+ 3706.945807
5-17	- 146821.088	- 53633.102	+ 3831.587584	+ 3970.949022
5-18	- 146818.423	- 53651.058	+ 3920.038146	+ 6182.511104
S87	- 146817.974	- 53650.918	+ 6023.516492	+ 6029.862314
S88	- 146813.076	- 53642.934	+ 5757.603768	+ 5065.095716
S89	- 146798.208	- 53652.908	+ 4216.462272	+ 5982.625008
S90	- 146800.227	- 53655.677	+ 5302.810116	+ 5467.926816
S91	- 146788.347	- 53665.869	+ 4918.895919	+ 6601.852263
S92	- 146768.891	- 53679.595	+ 4537.781279	+ 7031.979465
S93	- 146763.903	- 53672.043	+ 5086.359285	+ 4963.114313
S94	- 146759.141	- 53675.039	+ 4260.695063	+ 4795.217217
S95	- 146756.402	- 53671.911	+ 4232.349678	+ 4252.888451
5-1	- 146750.472	- 53675.815	+ 3629.491992	+ 4276.117630
			+102744.576805	+106302.973063
		倍面積	= 3558.396258	
		面積	= 1779.198129	

27子

点 名	X	Y	(X-X0)*(YN-1-Y0)	(XN-1-X0)*(Y-Y0)
X0·Y0	- 146700.000	- 53600.000		
5-1	- 146750.472	- 53675.815		
5-2	- 146745.942	- 53670.579	+ 3483.092730	+ 3562.263288
5-3	- 146746.291	- 53667.603	+ 3267.172489	+ 3105.817026
5-4	- 146775.384	- 53646.420	+ 5096.184552	+ 2148.828220
5-5	- 146780.055	- 53626.363	+ 3716.153100	+ 1987.348392
5-6	- 146782.590	- 53624.749	+ 2177.320170	+ 1981.281195
5-7	- 146785.520	- 53625.380	+ 2116.534480	+ 2096.134200
5-8	- 146788.461	- 53625.985	+ 2245.140180	+ 2222.237200

* * * * * 各 筆 面 積 計 算 書 * * * * *

点 名	X	Y	(X-X0)*(YN-1-Y0)	(XN-1-X0)*(Y-Y0)
5-9	- 146791.406	- 53626.536	+ 2375.184910	+ 2347.401096
5-10	- 146794.358	- 53627.050	+ 2503.883888	+ 2472.532300
5-11	- 146797.820	- 53627.615	+ 2646.031000	+ 2605.696170
5-12	- 146808.178	- 53630.777	+ 2987.335470	+ 3010.606140
5-13	- 146811.158	- 53631.081	+ 3421.109766	+ 3362.280418
5-14	- 146814.154	- 53631.312	+ 3548.020474	+ 3480.579296
5-15	- 146817.149	- 53631.474	+ 3668.169488	+ 3592.882996
5-16	- 146819.961	- 53631.643	+ 3775.652514	+ 3706.945807
5-17	- 146821.088	- 53633.102	+ 3831.587584	+ 3970.949022
5-18	- 146818.423	- 53651.058	+ 3920.038146	+ 6182.511104
S87	- 146817.974	- 53650.918	+ 6023.516492	+ 6029.862314
S88	- 146813.076	- 53642.934	+ 5757.603768	+ 5065.095716
S89	- 146798.208	- 53652.908	+ 4216.462272	+ 5982.625008
S90	- 146800.227	- 53655.677	+ 5302.810116	+ 5467.926816
S91	- 146788.347	- 53665.869	+ 4918.895919	+ 6601.852263
S92	- 146768.891	- 53679.595	+ 4537.781279	+ 7031.979465
S93	- 146763.903	- 53672.043	+ 5086.359285	+ 4963.114313
S94	- 146759.141	- 53675.039	+ 4260.695063	+ 4795.217217
S95	- 146756.402	- 53671.911	+ 4232.349678	+ 4252.888451
5-1	- 146750.472	- 53675.815	+ 3629.491992	+ 4276.117630

+102744.576805 +106302.973063

倍面積 = 3558.396258
面積 = 1779.198129

* * * 各筆面積 集計表 * * *

街区名・筆名	各筆面積	隅切面積
5 BLOCK	1779.19	
97子	1779.19	
合計 =	1779.19	0.00