



1:500

* * * * * 街 区 成 果 表 * * * * *

5 BLOCK

点 名	X	Y	点 名	X	Y	点 名	X	Y
5-33	- 146472.124	- 52875.508	5-34	- 146469.881	- 52873.541	5-2	- 146464.423	- 52839.649
5-3	- 146462.968	- 52830.766	5-4	- 146455.690	- 52800.662	5-35	- 146450.216	- 52778.162
5-36	- 146451.794	- 52775.627	5-6	- 146461.999	- 52773.609	5-7-2	- 146461.959	- 52773.266
5-8-1	- 146480.645	- 52769.193	5-8-2	- 146480.591	- 52768.925	5-8-3	- 146483.422	- 52768.421
5-8-4	- 146493.726	- 52766.915	5-9	- 146494.858	- 52766.875	5-10	- 146495.381	- 52766.807
5-11	- 146498.375	- 52766.453	5-12	- 146501.349	- 52766.162	5-13	- 146504.338	- 52765.924
5-14	- 146507.072	- 52765.750	5-15	- 146510.335	- 52765.608	5-16	- 146513.212	- 52765.530
5-17	- 146516.268	- 52765.531	5-18	- 146519.339	- 52765.525	5-37	- 146539.389	- 52765.931
5-38	- 146541.400	- 52768.282	5-20	- 146536.765	- 52794.645	5-21	- 146536.346	- 52796.663
5-39	- 146538.026	- 52808.069	5-40	- 146536.243	- 52810.480	5-23	- 146533.925	- 52810.784
5-24	- 146527.940	- 52811.684	5-25	- 146525.755	- 52815.067	5-26	- 146523.219	- 52817.928
5-27	- 146520.559	- 52821.227	5-28	- 146514.600	- 52830.796	5-29	- 146510.286	- 52838.744
5-30	- 146501.615	- 52854.998	5-41	- 146504.717	- 52874.230	5-42	- 146502.733	- 52876.435
5-32	- 146490.693	- 52876.082						
5-1	- 146470.188	- 52875.448	5-5	- 146449.700	- 52776.041	5-19	- 146541.805	- 52765.980
5-22	- 146538.341	- 52810.205	5-31	- 146505.084	- 52876.504			

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
5-33	5-34	41-14-57	2.983	5-34	5-2	80-51- 6	34.329	5-2	5-3	80-41-52	9.001
5-3	5-4	76-24-32	30.971	5-4	5-35	76-19-34	23.156	5-35	5-36	121-54- 6	2.986
5-36	5-6	168-48-51	10.403	5-6	5-7-2	83-20-54	0.345	5-7-2	5-8-1	167-42-13	19.125
5-8-1	5-8-2	78-36-28	0.273	5-8-2	5-8-3	169-54-20	2.876	5-8-3	5-8-4	171-41- 5	10.413
5-8-4	5-9	177-58-35	1.133	5-9	5-10	172-35-31	0.527	5-10	5-11	173-15-25	3.015
5-11	5-12	174-24-41	2.988	5-12	5-13	175-26-51	2.998	5-13	5-14	176-21-30	2.740
5-14	5-15	177-30-29	3.266	5-15	5-16	178-26-49	2.878	5-16	5-17	180- 1- 7	3.056
5-17	5-18	179-53-17	3.071	5-18	5-37	181- 9-40	20.054	5-37	5-38	229-26-53	3.094
5-38	5-20	279-58-17	26.767	5-20	5-21	281-43-47	2.061	5-21	5-39	261-37-16	11.529
5-39	5-40	306-29- 2	2.999	5-40	5-23	352-31-42	2.338	5-23	5-24	351-26-53	6.052
5-24	5-25	302-51-27	4.027	5-25	5-26	311-33-14	3.823	5-26	5-27	308-52-46	4.238
5-27	5-28	301-54-44	11.273	5-28	5-29	298-29-32	9.043	5-29	5-30	298- 4-43	18.422
5-30	5-41	260-50-15	19.481	5-41	5-42	311-58-48	2.966	5-42	5-32	1-40-46	12.045
5-32	5-33	1-46-14	18.578								

5-1	5-33	181-46-14	1.937	5-1	5-34	80-51- 6	1.932
5-5	5-35	256-19-34	2.183	5-5	5-36	168-48-51	2.135
5-19	5-37	1- 9-40	2.416	5-19	5-38	279-58-17	2.337
5-22	5-39	81-37-16	2.159	5-22	5-40	352-31-42	2.116
5-31	5-41	80-50-15	2.303	5-31	5-42	1-40-46	2.352

点 名	内 角	点 名	内 角	点 名	内 角	点 名	内 角
5-33	140- 31- 17	5-34	140- 23- 51	5-2	180- 9- 14	5-3	184- 17- 20
5-4	180- 4- 58	5-35	134- 25- 28	5-36	133- 5- 15	5-6	265- 27- 57
5-7-2	95- 38- 41	5-8-1	269- 5- 45	5-8-2	88- 42- 8	5-8-3	178- 13- 15
5-8-4	173- 42- 30	5-9	185- 23- 4	5-10	179- 20- 6	5-11	178- 50- 44
5-12	178- 57- 50	5-13	179- 5- 21	5-14	178- 51- 1	5-15	179- 3- 40
5-16	178- 25- 42	5-17	180- 7- 50	5-18	178- 43- 37	5-37	131- 42- 47
5-38	129- 28- 36	5-20	178- 14- 30	5-21	200- 6- 31	5-39	135- 8- 14
5-40	133- 57- 20	5-23	181- 4- 49	5-24	228- 35- 26	5-25	171- 18- 13
5-26	182- 40- 28	5-27	186- 58- 2	5-28	183- 25- 12	5-29	180- 24- 49
5-30	217- 14- 28	5-41	128- 51- 27	5-42	130- 18- 2	5-32	179- 54- 32

5-1	100- 55- 8	5-5	87- 30- 43	5-19	81- 11- 23	5-22	89- 5- 34
5-31	79- 9- 29						

* * * 突出し計算書 * * *

NO.	1		2		3
視準点名	T5		T5		T5
観測点名	T8		T8		T8
求点名	5-2		5-3		5-4
	方向角 1	73-58-43	73-58-43		73-58-43
	観測角	182-41-20	180-51-25		5-12-40
	方向角 2	256-40-3	254-50-8		79-11-23
距離	28.768		19.799		11.193
COS & SIN	- 0.230602	- 0.973048	- 0.261590	- 0.965179	+ 0.187558 + 0.982254
X 1 . Y 1 =	-146457.789	- 52811.656	-146457.789	- 52811.656	-146457.789 - 52811.656
DX . DY =	- 6.634	- 27.993	- 5.179	- 19.110	+ 2.099 + 10.994
X 2 . Y 2 =	-146464.423	- 52839.649	-146462.968	- 52830.766	-146455.690 - 52800.662

NO.	4		5		6
視準点名	T8		T11		T11
観測点名	T5		A6		A6
求点名	5-6		5-9		5-10
	方向角 1	253-58-43	173-36-30		173-36-30
	観測角	293-15-50	14-44-0		11-54-20
	方向角 2	187-14-33	188-20-30		185-30-50
距離	15.834		2.383		2.894
COS & SIN	- 0.992021	- 0.126069	- 0.989421	- 0.145076	- 0.995373 - 0.096087
X 1 . Y 1 =	-146446.291	- 52771.613	-146492.500	- 52766.529	-146492.500 - 52766.529
DX . DY =	- 15.708	- 1.996	- 2.358	- 0.346	- 2.881 - 0.278
X 2 . Y 2 =	-146461.999	- 52773.609	-146494.858	- 52766.875	-146495.381 - 52766.807

NO.	7		8		9
視準点名	T11		T11		T11
観測点名	A6		A6		A6
求点名	5-11		5-12		5-13
	方向角 1	173-36-30	173-36-30		173-36-30
	観測角	5-38-55	4-0-50		3-27-55
	方向角 2	179-15-25	177-37-20		177-4-25
距離	5.875		8.857		11.853
COS & SIN	- 0.999916	+ 0.012968	- 0.999139	+ 0.041488	- 0.998696 + 0.051053
X 1 . Y 1 =	-146492.500	- 52766.529	-146492.500	- 52766.529	-146492.500 - 52766.529
DX . DY =	- 5.875	+ 0.076	- 8.849	+ 0.367	- 11.838 + 0.605
X 2 . Y 2 =	-146498.375	- 52766.453	-146501.349	- 52766.162	-146504.338 - 52765.924

* * * 突出し計算書 * * *

NO.	10		11		12
視準点名	T11		T11		T11
観測点名	A6		A6		A6
求点名	5-14		5-15		5-16
	方向角 1	173-36-30	173-36-30	173-36-30	
	観測角	3-19-55	3-26-5	3-37-45	
	方向角 2	176-56-25	177-2-35	177-14-15	
距離	14.593		17.859		20.736
COS & SIN	- 0.998574 + 0.053377		- 0.998669 + 0.051586		- 0.998838 + 0.048196
X 1 . Y 1 =	-146492.500 - 52766.529		-146492.500 - 52766.529		-146492.500 - 52766.529
DX . DY =	- 14.572 + 0.779		- 17.835 + 0.921		- 20.712 + 0.999
X 2 . Y 2 =	-146507.072 - 52765.750		-146510.335 - 52765.608		-146513.212 - 52765.530

NO.	13		14		15
視準点名	T11		T11		T13
観測点名	A6		A6		T14
求点名	5-17		5-18		5-20
	方向角 1	173-36-30	173-36-30	256-24-43	
	観測角	3-59-15	4-14-55	185-30-25	
	方向角 2	177-35-45	177-51-25	81-55-8	
距離	23.789		26.858		27.410
COS & SIN	- 0.999120 + 0.041948		- 0.999301 + 0.037395		+ 0.140575 + 0.990070
X 1 . Y 1 =	-146492.500 - 52766.529		-146492.500 - 52766.529		-146540.618 - 52821.783
DX . DY =	- 23.768 + 0.998		- 26.839 + 1.004		+ 3.853 + 27.138
X 2 . Y 2 =	-146516.268 - 52765.531		-146519.339 - 52765.525		-146536.765 - 52794.645

NO.	16		17		18
視準点名	T13		T13		T13
観測点名	T14		T14		T14
求点名	5-21		5-23		5-24
	方向角 1	256-24-43	256-24-43	256-24-43	
	観測角	183-56-10	162-16-0	142-7-45	
	方向角 2	80-20-53	58-40-43	38-32-28	
距離	25.481		12.875		16.209
COS & SIN	+ 0.167663 + 0.985844		+ 0.519838 + 0.854265		+ 0.782161 + 0.623076
X 1 . Y 1 =	-146540.618 - 52821.783		-146540.618 - 52821.783		-146540.618 - 52821.783
DX . DY =	+ 4.272 + 25.120		+ 6.693 + 10.999		+ 12.678 + 10.099
X 2 . Y 2 =	-146536.346 - 52796.663		-146533.925 - 52810.784		-146527.940 - 52811.684

* * * 突出し計算書 * * *

NO.	19		20		21
視準点名	T13		T13		T13
観測点名	T14	方向角 1 256-24-43	T14	256-24-43	T14
求点名	5-25	観測角 127-54-10	5-26	116- 4-55	5-27
		方向角 2 24-18-53		12-29-38	
距離	16.310		17.821		20.067
COS & SIN	+ 0.911298	+ 0.411749	+ 0.976319	+ 0.216335	+ 0.999616
X 1 . Y 1 =	-146540.618	- 52821.783	-146540.618	- 52821.783	-146540.618
DX . DY =	+ 14.863	+ 6.716	+ 17.399	+ 3.855	+ 20.059
X 2 . Y 2 =	-146525.755	- 52815.067	-146523.219	- 52817.928	-146520.559

NO.	22		23		24
視準点名	T47		T47		T47
観測点名	T70	方向角 1 280-59-39	T70	280-59-39	T70
求点名	5-28	観測角 174- 2-30	5-29	92-52-40	5-30
		方向角 2 95- 2- 9		13-52-19	
距離	8.855		3.643		19.637
COS & SIN	- 0.087779	+ 0.996140	+ 0.970834	+ 0.239753	+ 0.621676
X 1 . Y 1 =	-146513.823	- 52839.617	-146513.823	- 52839.617	-146513.823
DX . DY =	- 0.777	+ 8.821	+ 3.537	+ 0.873	+ 12.208
X 2 . Y 2 =	-146514.600	- 52830.796	-146510.286	- 52838.744	-146501.615

NO.	25		26		27
視準点名	T8		T8		T8
観測点名	T7	方向角 1 79- 8-30	T7	79- 8-30	T7
求点名	5-32	観測角 81- 5-40	5-33	15-50-15	5-34
		方向角 2 160-14-10		94-58-45	
距離	20.424		7.508		9.580
COS & SIN	- 0.941094	+ 0.338145	- 0.086794	+ 0.996226	+ 0.166099
X 1 . Y 1 =	-146471.472	- 52882.988	-146471.472	- 52882.988	-146471.472
DX . DY =	- 19.221	+ 6.906	- 0.652	+ 7.480	+ 1.591
X 2 . Y 2 =	-146490.693	- 52876.082	-146472.124	- 52875.508	-146469.881

* * * 突出し計算書 * * *

NO.	28		29		30
視準点名	A6		A6		T14
観測点名	T5	方向角 1 173-43-18	T5	173-43-18	T11
求点名	5-35	観測角 65-20-45	5-36	42-23-15	5-38
		方向角 2 239- 4- 3		216- 6-33	
距離	7.635		6.812		7.402
COS & SIN	- 0.514028	- 0.857773	- 0.807896	- 0.589326	+ 0.129911
X 1 . Y 1 =	-146446.291	- 52771.613	-146446.291	- 52771.613	-146542.362
DX . DY =	- 3.925	- 6.549	- 5.503	- 4.014	+ 0.962
X 2 . Y 2 =	-146450.216	- 52778.162	-146451.794	- 52775.627	-146541.400

NO.	31		32		33
視準点名	T13		T13		T13
観測点名	T14	方向角 1 256-24-43	T14	256-24-43	T47
求点名	5-39	観測角 182-53-10	5-40	172-25-40	5-41
		方向角 2 79-17-53		68-50-23	
距離	13.957		12.120		7.783
COS & SIN	+ 0.185700	+ 0.982606	+ 0.360978	+ 0.932574	+ 0.113117
X 1 . Y 1 =	-146540.618	- 52821.783	-146540.618	- 52821.783	-146505.597
DX . DY =	+ 2.592	+ 13.714	+ 4.375	+ 11.303	+ 0.880
X 2 . Y 2 =	-146538.026	- 52808.069	-146536.243	- 52810.480	-146504.717

NO.	34		35		36
視準点名	T13		T12		T12
観測点名	T47	方向角 1 183-39-53	T11	178-35-27	T11
求点名	5-42	観測角 238-56-40	5-37-J1	110-44-50	5-37-J2
		方向角 2 62-36-33		289-20-17	
距離	6.226		6.361		6.105
COS & SIN	+ 0.460058	+ 0.887889	+ 0.331141	- 0.943581	+ 0.579210
X 1 . Y 1 =	-146505.597	- 52881.963	-146542.362	- 52760.943	-146542.362
DX . DY =	+ 2.864	+ 5.528	+ 2.106	- 6.002	+ 3.536
X 2 . Y 2 =	-146502.733	- 52876.435	-146540.256	- 52766.945	-146538.826

* * * 突出し計算書 * * *

NO.	37		38		39	
視準点名	T11		T11		T11	
観測点名	A6		A6		A6	
求点名	5-7-2		5-8-1		5-8-2	
	方向角 1	173-36-30	173-36-30	173-36-30	173-36-30	
	観測角	173-57-10	173-43-40	175- 0-55	175- 0-55	
	方向角 2	347-33-40	347-20-10	348-37-25	348-37-25	
距離	31.275		12.151		12.148	
COS & SIN	+ 0.976526	- 0.215398	+ 0.975673	- 0.219231	+ 0.980353	- 0.197253
X 1 . Y 1 =	-146492.500	- 52766.529	-146492.500	- 52766.529	-146492.500	- 52766.529
DX . DY =	+ 30.541	- 6.737	+ 11.855	- 2.664	+ 11.909	- 2.396
X 2 . Y 2 =	-146461.959	- 52773.266	-146480.645	- 52769.193	-146480.591	- 52768.925

NO.	40		41	
視準点名	T11		T11	
観測点名	A6		A6	
求点名	5-8-3		5-8-4	
	方向角 1	173-36-30	173-36-30	
	観測角	174-37- 0	23-53-25	
	方向角 2	348-13-30	197-29-55	
距離	9.273		1.285	
COS & SIN	+ 0.978957	- 0.204069	- 0.953724	- 0.300683
X 1 . Y 1 =	-146492.500	- 52766.529	-146492.500	- 52766.529
DX . DY =	+ 9.078	- 1.892	- 1.226	- 0.386
X 2 . Y 2 =	-146483.422	- 52768.421	-146493.726	- 52766.915

* * * 方 向 角 · 距 離 計 算 書 * * *

NO 1
 点名 X Y
 1 5-33 - 146472.124 - 52875.508
 2 5-34 - 146469.881 - 52873.541
 COS=+ 0.751849 SIN=+ 0.659335
 A L= 41-14-57 L = 2.983

NO 2
 点名 X Y
 1 5-34 - 146469.881 - 52873.541
 2 5-2 - 146464.423 - 52839.649
 COS=+ 0.158992 SIN=+ 0.987280
 A L= 80-51-6 L = 34.329

NO 3
 点名 X Y
 1 5-2 - 146464.423 - 52839.649
 2 5-3 - 146462.968 - 52830.766
 COS=+ 0.161642 SIN=+ 0.986849
 A L= 80-41-52 L = 9.001

NO 4
 点名 X Y
 1 5-3 - 146462.968 - 52830.766
 2 5-4 - 146455.690 - 52800.662
 COS=+ 0.234992 SIN=+ 0.971997
 A L= 76-24-32 L = 30.971

NO 5
 点名 X Y
 1 5-4 - 146455.690 - 52800.662
 2 5-35 - 146450.216 - 52778.162
 COS=+ 0.236393 SIN=+ 0.971657
 A L= 76-19-34 L = 23.156

NO 6
 点名 X Y
 1 5-35 - 146450.216 - 52778.162
 2 5-36 - 146451.794 - 52775.627
 COS=- 0.528463 SIN=+ 0.848956
 A L= 121-54-6 L = 2.986

NO 7
 点名 X Y
 1 5-36 - 146451.794 - 52775.627
 2 5-6 - 146461.999 - 52773.609
 COS=- 0.981004 SIN=+ 0.193990
 A L= 168-48-51 L = 10.403

NO 8
 点名 X Y
 1 5-6 - 146461.999 - 52773.609
 2 5-7-2 - 146461.959 - 52773.266
 COS=+ 0.115833 SIN=+ 0.993269
 A L= 83-20-54 L = 0.345

NO 9
 点名 X Y
 1 5-7-2 - 146461.959 - 52773.266
 2 5-8-1 - 146480.645 - 52769.193
 COS=- 0.977059 SIN=+ 0.212970
 A L= 167-42-13 L = 19.125

NO 10
 点名 X Y
 1 5-8-1 - 146480.645 - 52769.193
 2 5-8-2 - 146480.591 - 52768.925
 COS=+ 0.197523 SIN=+ 0.980298
 A L= 78-36-28 L = 0.273

NO 11
 点名 X Y
 1 5-8-2 - 146480.591 - 52768.925
 2 5-8-3 - 146483.422 - 52768.421
 COS=- 0.984520 SIN=+ 0.175273
 A L= 169-54-20 L = 2.876

NO 12
 点名 X Y
 1 5-8-3 - 146483.422 - 52768.421
 2 5-8-4 - 146493.726 - 52766.915
 COS=- 0.989487 SIN=+ 0.144620
 A L= 171-41-5 L = 10.413

NO 13
 点名 X Y
 1 5-8-4 - 146493.726 - 52766.915
 2 5-9 - 146494.858 - 52766.875
 COS=- 0.999376 SIN=+ 0.035314
 A L= 177-58-35 L = 1.133

NO 14
 点名 X Y
 1 5-9 - 146494.858 - 52766.875
 2 5-10 - 146495.381 - 52766.807
 COS=- 0.991653 SIN=+ 0.128934
 A L= 172-35-31 L = 0.527

NO 15
 点名 X Y
 1 5-10 - 146495.381 - 52766.807
 2 5-11 - 146498.375 - 52766.453
 COS=- 0.993083 SIN=+ 0.117419
 A L= 173-15-25 L = 3.015

* * * 方 向 角 · 距 離 計 算 書 * * *

NO 16
 点名 X Y
 1 5-11 - 146498.375 - 52766.453
 2 5-12 - 146501.349 - 52766.162
 COS=- 0.995247 SIN=+ 0.097383
 A L= 174-24-41 L = 2.988

NO 17
 点名 X Y
 1 5-12 - 146501.349 - 52766.162
 2 5-13 - 146504.338 - 52765.924
 COS=- 0.996845 SIN=+ 0.079374
 A L= 175-26-51 L = 2.998

NO 18
 点名 X Y
 1 5-13 - 146504.338 - 52765.924
 2 5-14 - 146507.072 - 52765.750
 COS=- 0.997981 SIN=+ 0.063515
 A L= 176-21-30 L = 2.740

NO 19
 点名 X Y
 1 5-14 - 146507.072 - 52765.750
 2 5-15 - 146510.335 - 52765.608
 COS=- 0.999054 SIN=+ 0.043477
 A L= 177-30-29 L = 3.266

NO 20
 点名 X Y
 1 5-15 - 146510.335 - 52765.608
 2 5-16 - 146513.212 - 52765.530
 COS=- 0.999633 SIN=+ 0.027102
 A L= 178-26-49 L = 2.878

NO 21
 点名 X Y
 1 5-16 - 146513.212 - 52765.530
 2 5-17 - 146516.268 - 52765.531
 COS=- 1.000000 SIN=- 0.000327
 A L= 180- 1- 7 L = 3.056

NO 22
 点名 X Y
 1 5-17 - 146516.268 - 52765.531
 2 5-18 - 146519.339 - 52765.525
 COS=- 0.999998 SIN=+ 0.001954
 A L= 179-53-17 L = 3.071

NO 23
 点名 X Y
 1 5-18 - 146519.339 - 52765.525
 2 5-37-J2 - 146538.826 - 52765.920
 COS=- 0.999795 SIN=- 0.020266
 A L= 181- 9-40 L = 19.491

NO 24
 点名 X Y
 1 5-37-J1 - 146540.256 - 52766.945
 2 5-38 - 146541.400 - 52768.282
 COS=- 0.650136 SIN=- 0.759818
 A L= 229-26-53 L = 1.760

NO 25
 点名 X Y
 1 5-38 - 146541.400 - 52768.282
 2 5-20 - 146536.765 - 52794.645
 COS=+ 0.173159 SIN=- 0.984894
 A L= 279-58-17 L = 26.767

NO 26
 点名 X Y
 1 5-20 - 146536.765 - 52794.645
 2 5-21 - 146536.346 - 52796.663
 COS=+ 0.203295 SIN=- 0.979117
 A L= 281-43-47 L = 2.061

NO 27
 点名 X Y
 1 5-21 - 146536.346 - 52796.663
 2 5-39 - 146538.026 - 52808.069
 COS=- 0.145719 SIN=- 0.989326
 A L= 261-37-16 L = 11.529

NO 28
 点名 X Y
 1 5-39 - 146538.026 - 52808.069
 2 5-40 - 146536.243 - 52810.480
 COS=+ 0.594597 SIN=- 0.804024
 A L= 306-29- 2 L = 2.999

NO 29
 点名 X Y
 1 5-40 - 146536.243 - 52810.480
 2 5-23 - 146533.925 - 52810.784
 COS=+ 0.991510 SIN=- 0.130034
 A L= 352-31-42 L = 2.338

NO 30
 点名 X Y
 1 5-23 - 146533.925 - 52810.784
 2 5-24 - 146527.940 - 52811.684
 COS=+ 0.988882 SIN=- 0.148704
 A L= 351-26-53 L = 6.052

* * * 方 向 角 · 距 離 計 算 書 * * *

NO 31
 点名 X Y
 1 5-24 - 146527.940 - 52811.684
 2 5-25 - 146525.755 - 52815.067
 COS=+ 0.542551 SIN=- 0.840023
 A L= 302-51-27 L = 4.027

NO 32
 点名 X Y
 1 5-25 - 146525.755 - 52815.067
 2 5-26 - 146523.219 - 52817.928
 COS=+ 0.663324 SIN=- 0.748332
 A L= 311-33-14 L = 3.823

NO 33
 点名 X Y
 1 5-26 - 146523.219 - 52817.928
 2 5-27 - 146520.559 - 52821.227
 COS=+ 0.627683 SIN=- 0.778469
 A L= 308-52-46 L = 4.238

NO 34
 点名 X Y
 1 5-27 - 146520.559 - 52821.227
 2 5-28 - 146514.600 - 52830.796
 COS=+ 0.528619 SIN=- 0.848859
 A L= 301-54-44 L = 11.273

NO 35
 点名 X Y
 1 5-28 - 146514.600 - 52830.796
 2 5-29 - 146510.286 - 52838.744
 COS=+ 0.477038 SIN=- 0.878883
 A L= 298-29-32 L = 9.043

NO 36
 点名 X Y
 1 5-29 - 146510.286 - 52838.744
 2 5-30 - 146501.615 - 52854.998
 COS=+ 0.470681 SIN=- 0.882303
 A L= 298- 4-43 L = 18.422

NO 37
 点名 X Y
 1 5-30 - 146501.615 - 52854.998
 2 5-41 - 146504.717 - 52874.230
 COS=- 0.159236 SIN=- 0.987241
 A L= 260-50-15 L = 19.481

NO 38
 点名 X Y
 1 5-41 - 146504.717 - 52874.230
 2 5-42 - 146502.733 - 52876.435
 COS=+ 0.668872 SIN=- 0.743378
 A L= 311-58-48 L = 2.966

NO 39
 点名 X Y
 1 5-42 - 146502.733 - 52876.435
 2 5-32 - 146490.693 - 52876.082
 COS=+ 0.999570 SIN=+ 0.029306
 A L= 1-40-46 L = 12.045

NO 40
 点名 X Y
 1 5-32 - 146490.693 - 52876.082
 2 5-33 - 146472.124 - 52875.508
 COS=+ 0.999523 SIN=+ 0.030897
 A L= 1-46-14 L = 18.578

* * * * * 2 直線 の 交点 計算書 * * * * *

求点名	NO	1 5-37	2	5-1	3	5-5		
ALH T1.T2	181- 9-40	49-26-53	1-46-14	260-51- 6	76-19-34	348-48-51		
SIN T1.T2	-0.020264	+0.759817	+0.030897	-0.987280	+0.971657	-0.193992		
COS T1.T2	-0.999795	+0.650137	+0.999523	-0.158991	+0.236395	+0.981003		
コウカク = T	131-42-47		100-55- 8		87-30-43			
COSEC T	+ 1.339609		+ 1.018437		+ 1.000944			
	X	Y						
1 5-18	- 146519.339	- 52765.525	5-33	- 146472.124	- 52875.508	5-35	- 146450.216	- 52778.162
2 5-38	- 146541.400	- 52768.282	5-34	- 146469.881	- 52873.541	5-36	- 146451.794	- 52775.627
X1-2.Y2-1	+ 22.061	- 2.757		- 2.243	+ 1.967		+ 1.578	+ 2.535
X1-2*S11.2	- 0.4470	+ 16.7623		- 0.0693	+ 2.2145		+ 1.5333	- 0.3061
Y2-1*CO1.2	+ 2.7564	- 1.7924		+ 1.9661	- 0.3127		+ 0.5993	+ 2.4868
COSEC*S1.2	+ 3.0937	+ 20.0538		+ 1.9317	+ 1.9368		+ 2.1345	+ 2.1828
キヨリ S1.S2	20.054	3.094		1.937	1.932		2.183	2.135
	X	Y						
1 5-18	- 146519.339	- 52765.525	5-33	- 146472.124	- 52875.508	5-35	- 146450.216	- 52778.162
DX DY	- 20.050	- 0.406		+ 1.936	+ 0.060		+ 0.516	+ 2.121
3 5-37	- 146539.389	- 52765.931	5-1	- 146470.188	- 52875.448	5-5	- 146449.700	- 52776.041

求点名	NO	4 5-19	5	5-22	6	5-31		
ALH T1.T2	181- 9-40	99-58-17	261-37-16	172-31-42	260-50-15	181-40-46		
SIN T1.T2	-0.020264	+0.984894	-0.989326	+0.130036	-0.987241	-0.029308		
COS T1.T2	-0.999795	-0.173156	-0.145719	-0.991509	-0.159235	-0.999570		
コウカク = T	81-11-23		89- 5-34		79- 9-29			
COSEC T	+ 1.011940		+ 1.000125		+ 1.018175			
	X	Y						
1 5-37	- 146539.389	- 52765.931	5-39	- 146538.026	- 52808.069	5-41	- 146504.717	- 52874.230
2 5-38	- 146541.400	- 52768.282	5-40	- 146536.243	- 52810.480	5-42	- 146502.733	- 52876.435
X1-2.Y2-1	+ 2.011	- 2.351		- 1.783	- 2.411		- 1.984	- 2.205
X1-2*S11.2	- 0.0408	+ 1.9806		+ 1.7640	- 0.2319		+ 1.9587	+ 0.0581
Y2-1*CO1.2	+ 2.3505	+ 0.4071		+ 0.3513	+ 2.3905		+ 0.3511	+ 2.2041
COSEC*S1.2	+ 2.3373	+ 2.4162		+ 2.1156	+ 2.1589		+ 2.3518	+ 2.3033
キヨリ S1.S2	2.416	2.337		2.159	2.116		2.303	2.352
	X	Y						
1 5-37	- 146539.389	- 52765.931	5-39	- 146538.026	- 52808.069	5-41	- 146504.717	- 52874.230
DX DY	- 2.416	- 0.049		- 0.315	- 2.136		- 0.367	- 2.274
3 5-19	- 146541.805	- 52765.980	5-22	- 146538.341	- 52810.205	5-31	- 146505.084	- 52876.504

* * * * * 各 筆 面 積 計 算 書 * * * * *

5 BLOCK

点 名	X	Y	(X-X0)*(Y1-Y0)	(X1-X0)*(Y-Y0)
X0·Y0	- 146400.000	- 52700.000		
5-33	- 146472.124	- 52875.508		
5-34	- 146469.881	- 52873.541	+ 12264.674548	+ 12516.471084
5-2	- 146464.423	- 52839.649	+ 11180.031843	+ 9758.811769
5-3	- 146462.968	- 52830.766	+ 8793.418232	+ 8424.338018
5-4	- 146455.690	- 52800.662	+ 7282.358540	+ 6338.484816
5-35	- 146450.216	- 52778.162	+ 5054.842992	+ 4352.841780
5-36	- 146451.794	- 52775.627	+ 4048.322628	+ 3797.685432
5-6	- 146461.999	- 52773.609	+ 4688.798373	+ 3812.504546
5-7-2	- 146461.959	- 52773.266	+ 4560.740031	+ 4542.418734
5-8-1	- 146480.645	- 52769.193	+ 5908.536570	+ 4287.129087
5-8-2	- 146480.591	- 52768.925	+ 5576.333063	+ 5558.456625
5-8-3	- 146483.422	- 52768.421	+ 5749.861350	+ 5514.116811
5-8-4	- 146493.726	- 52766.915	+ 6412.826646	+ 5582.183130
5-9	- 146494.858	- 52766.875	+ 6347.423070	+ 6267.926250
5-10	- 146495.381	- 52766.807	+ 6378.604375	+ 6337.178406
5-11	- 146498.375	- 52766.453	+ 6572.138625	+ 6338.353593
5-12	- 146501.349	- 52766.162	+ 6734.945097	+ 6508.686750
5-13	- 146504.338	- 52765.924	+ 6903.210756	+ 6681.331476
5-14	- 146507.072	- 52765.750	+ 7058.614528	+ 6860.223500
5-15	- 146510.335	- 52765.608	+ 7254.526250	+ 7024.779776
5-16	- 146513.212	- 52765.530	+ 7427.612896	+ 7230.252550
5-17	- 146516.268	- 52765.531	+ 7619.042040	+ 7418.895572
5-18	- 146519.339	- 52765.525	+ 7820.404009	+ 7618.460700
5-37	- 146539.389	- 52765.931	+ 9133.464225	+ 7868.139609
5-38	- 146541.400	- 52768.282	+ 9322.643400	+ 9517.759698
5-20	- 146536.765	- 52794.645	+ 9338.587730	+ 13382.803000
5-21	- 146536.346	- 52796.663	+ 12904.467170	+ 13220.115195
5-39	- 146538.026	- 52808.069	+ 13342.007238	+ 14734.775874
5-40	- 146536.243	- 52810.480	+ 14723.644767	+ 15249.112480
5-23	- 146533.925	- 52810.784	+ 14796.034000	+ 15093.544512
5-24	- 146527.940	- 52811.684	+ 14173.704960	+ 14957.279700
5-25	- 146525.755	- 52815.067	+ 14044.821420	+ 14721.671980
5-26	- 146523.219	- 52817.928	+ 14178.440673	+ 14830.035640
5-27	- 146520.559	- 52821.227	+ 14217.281752	+ 14937.469713
5-28	- 146514.600	- 52830.796	+ 13892.614200	+ 15768.634964
5-29	- 146510.286	- 52838.744	+ 14424.967656	+ 15900.062400
5-30	- 146501.615	- 52854.998	+ 14098.471560	+ 17094.109428
5-41	- 146504.717	- 52874.230	+ 16230.925566	+ 17704.381450
5-42	- 146502.733	- 52876.435	+ 17899.170590	+ 18475.743895
5-32	- 146490.693	- 52876.082	+ 16001.419455	+ 18089.432106
5-33	- 146472.124	- 52875.508	+ 12699.738168	+ 15917.347044
			+397059.670992	+410233.949093
		倍面積	= 13174.278101	
		面積	= 6587.139050	

* * * * * 各 筆 面 積 計 算 書 * * * * *

夕ク子

点 名	X	Y	(X-X0)*(YN-1-Y0)	(XN-1-X0)*(Y-Y0)
X0・Y0	- 146400.000	- 52700.000		
5-33	- 146472.124	- 52875.508		
5-34	- 146469.881	- 52873.541	+ 12264.674548	+ 12516.471084
5-2	- 146464.423	- 52839.649	+ 11180.031843	+ 9758.811769
5-3	- 146462.968	- 52830.766	+ 8793.418232	+ 8424.338018
5-4	- 146455.690	- 52800.662	+ 7282.358540	+ 6338.484816
5-35	- 146450.216	- 52778.162	+ 5054.842992	+ 4352.841780
5-36	- 146451.794	- 52775.627	+ 4048.322628	+ 3797.685432
5-6	- 146461.999	- 52773.609	+ 4688.798373	+ 3812.504546
5-7-2	- 146461.959	- 52773.266	+ 4560.740031	+ 4542.418734
5-8-1	- 146480.645	- 52769.193	+ 5908.536570	+ 4287.129087
5-8-2	- 146480.591	- 52768.925	+ 5576.333063	+ 5558.456625
5-8-3	- 146483.422	- 52768.421	+ 5749.861350	+ 5514.116811
5-8-4	- 146493.726	- 52766.915	+ 6412.826646	+ 5582.183130
5-9	- 146494.858	- 52766.875	+ 6347.423070	+ 6267.926250
5-10	- 146495.381	- 52766.807	+ 6378.604375	+ 6337.178406
5-11	- 146498.375	- 52766.453	+ 6572.138625	+ 6338.353593
5-12	- 146501.349	- 52766.162	+ 6734.945097	+ 6508.686750
5-13	- 146504.338	- 52765.924	+ 6903.210756	+ 6681.331476
5-14	- 146507.072	- 52765.750	+ 7058.614528	+ 6860.223500
5-15	- 146510.335	- 52765.608	+ 7254.526250	+ 7024.779776
5-16	- 146513.212	- 52765.530	+ 7427.612896	+ 7230.252550
5-17	- 146516.268	- 52765.531	+ 7619.042040	+ 7418.895572
5-18	- 146519.339	- 52765.525	+ 7820.404009	+ 7618.460700
5-37	- 146539.389	- 52765.931	+ 9133.464225	+ 7868.139609
5-38	- 146541.400	- 52768.282	+ 9322.643400	+ 9517.759698
5-20	- 146536.765	- 52794.645	+ 9338.587730	+ 13382.803000
5-21	- 146536.346	- 52796.663	+ 12904.467170	+ 13220.115195
5-39	- 146538.026	- 52808.069	+ 13342.007238	+ 14734.775874
5-40	- 146536.243	- 52810.480	+ 14723.644767	+ 15249.112480
5-23	- 146533.925	- 52810.784	+ 14796.034000	+ 15093.544512
5-24	- 146527.940	- 52811.684	+ 14173.704960	+ 14957.279700
5-25	- 146525.755	- 52815.067	+ 14044.821420	+ 14721.671980
5-26	- 146523.219	- 52817.928	+ 14178.440673	+ 14830.035640
5-27	- 146520.559	- 52821.227	+ 14217.281752	+ 14937.469713
5-28	- 146514.600	- 52830.796	+ 13892.614200	+ 15768.634964
5-29	- 146510.286	- 52838.744	+ 14424.967656	+ 15900.062400
5-30	- 146501.615	- 52854.998	+ 14098.471560	+ 17094.109428
5-41	- 146504.717	- 52874.230	+ 16230.925566	+ 17704.381450
5-42	- 146502.733	- 52876.435	+ 17899.170590	+ 18475.743895
5-32	- 146490.693	- 52876.082	+ 16001.419455	+ 18089.432106
5-33	- 146472.124	- 52875.508	+ 12699.738168	+ 15917.347044
			+397059.670992	+410233.949093
		倍面積	= 13174.278101	
		面積	= 6587.139050	

* * * * * 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	- 146 400.000	- 52800.000		
5-1	- 146 470.188	- 52875.448		
5-33	- 146 472.124	- 52875.508	+ 5441.611552	+ 5299.755504
5-34	- 146 469.881	- 52873.541	+ 5276.574548	+ 5304.071084
5-1	- 146 470.188	- 52875.448	+ 5161.695708	+ 5272.381688
			+ 15879.881808	+ 15876.208276
		倍面積	= 3.673532	
		面積	= 1.836766	

5 スミキリ

点 名	X	Y	(X-X0)*(YN-1-Y0)	(XN-1-X0)*(Y-Y0)
X0・Y0	- 146 400.000	- 52700.000		
5-5	- 146 449.700	- 52776.041		
5-35	- 146 450.216	- 52778.162	+ 3818.474856	+ 3884.651400
5-36	- 146 451.794	- 52775.627	+ 4048.322628	+ 3797.685432
5-5	- 146 449.700	- 52776.041	+ 3758.661900	+ 3938.467554
			+ 11625.459384	+ 11620.804386
		倍面積	= 4.654998	
		面積	= 2.327499	

19 スミキリ

点 名	X	Y	(X-X0)*(YN-1-Y0)	(XN-1-X0)*(Y-Y0)
X0・Y0	- 146 500.000	- 52700.000		
5-19	- 146 541.805	- 52765.980		
5-37	- 146 539.389	- 52765.931	+ 2598.886220	+ 2756.245455
5-38	- 146 541.400	- 52768.282	+ 2729.543400	+ 2689.559698
5-19	- 146 541.805	- 52765.980	+ 2854.529010	+ 2731.572000
			+ 8182.958630	+ 8177.377153
		倍面積	= 5.581477	
		面積	= 2.790738	

22 スミキリ

点 名	X	Y	(X-X0)*(YN-1-Y0)	(XN-1-X0)*(Y-Y0)
X0・Y0	- 146 500.000	- 52800.000		
5-22	- 146 538.341	- 52810.205		
5-39	- 146 538.026	- 52808.069	+ 388.055330	+ 309.373529
5-40	- 146 536.243	- 52810.480	+ 292.444767	+ 398.512480
5-22	- 146 538.341	- 52810.205	+ 401.813680	+ 369.859815
			+ 1082.313777	+ 1077.745824
		倍面積	= 4.567953	
		面積	= 2.283976	

* * * * * 各 筆 面 積 計 算 書 * * * * *

31 スミキリ

点 名	X	Y	(X-X0)*(YN-1-Y0)	(XN-1-X0)*(Y-Y0)
X0・Y0	- 146500.000	- 52800.000		
5-31	- 146505.084	- 52876.504		
5-41	- 146504.717	- 52874.230	+ 360.869368	+ 377.385320
5-42	- 146502.733	- 52876.435	+ 202.870590	+ 360.543895
5-31	- 146505.084	- 52876.504	+ 388.595540	+ 209.085432
			+ 952.335498	+ 947.014647
		倍面積	= 5.320851	
		面積	= 2.660425	

* * * 各筆面積 集計表 * * *

街区名・筆名	各筆面積	隅切面積
5 BLOCK	6587.13	
タケチ	6587.13	
1 スミキリ		1.83
5 スミキリ		2.32
19 スミキリ		2.79
22 スミキリ		2.28
31 スミキリ		2.66
合計 =	6587.13	11.88