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TELEDYNE

416

FIELD / TRANSIT BOOK

INDEX

1- Robert Groenke
2- Bob Mechura
3- Herb Wilson — Pillager
4- Gene Philps — Big Boy Lake
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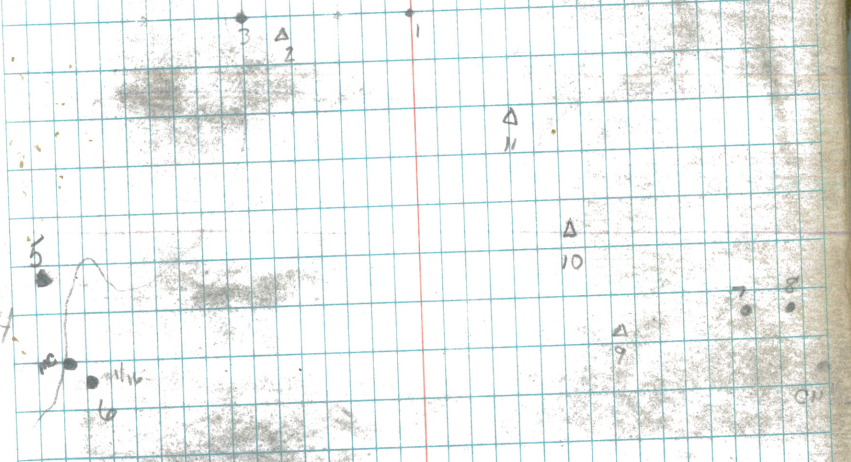
7- Herb Wilson
8- Tom Moore
10- Roger Michner
11- — City of Backus
12- Leon LaVallee — city of Hackensack
14- Duane Nordin — Lot 1, Blk 7, Kimball 1st Add Pine River
15- Allan McEnroe — Pt GL 1-18-143-30
16-
18
19- E. Caskey — Bayview
20- Jeff Sell
37- Richard Dean — Pillager
38- Lee Palmentier

20.471
543

Robert Groenke

TC 2	BS 1			
00-00-08				
179-59-58	138-28-10	87-13-14	213.76	213.203
138-28-18				
4) 318-28-04	138-28-06			
168-44-23	168-44-15		86.96	
3) 348-44-25	168-44-27	97-37-54	26.04	86.187
TC 2	BS 1			
00-00-42				
179-00-15	138-25-11			
138-25-30				
5) 318-25-47	138-24-56	90-43-12	1314.52	1314.52
TC 5	BS 2			
00-00-35				
180-00-36	126-40-32			
126-41-07				
1/16 6) 306-41-09	126-40-33	86-35-5[illegible]	154.[illegible]	153.878
TC 8	BS 7			
00-00-13				
180-00-24	252-37-25	90-59-32	6	69.09
252-37-38				
CN 1/16 72-37-36	252-37-32	89-03-36	59.[illegible]	193.822
TC 8	BS 7			
00-00-34				
180-00-35	359-46-18			
359-46-53				
9) 179-46-48	359-46-13	89-20-[illegible]	26 51	267.423
TC 9	BS 8			
00-00-14				
180-00-14	177-09-18			
177-09-32				
10) 357-09-25	177-09-11	90-24-05	302.40 92.323	302.89

Feb 26, 99 D Farnam G Thomas



TC @ 10
00-00
180-00
189-05-
1) 09-03 187-02-47 96-

402.99
122.832 400.471

TC @ 11
00-00
180-00
169-39-14
1) 349- 169-39-00 90-18-08

94.55
28.817 94.543

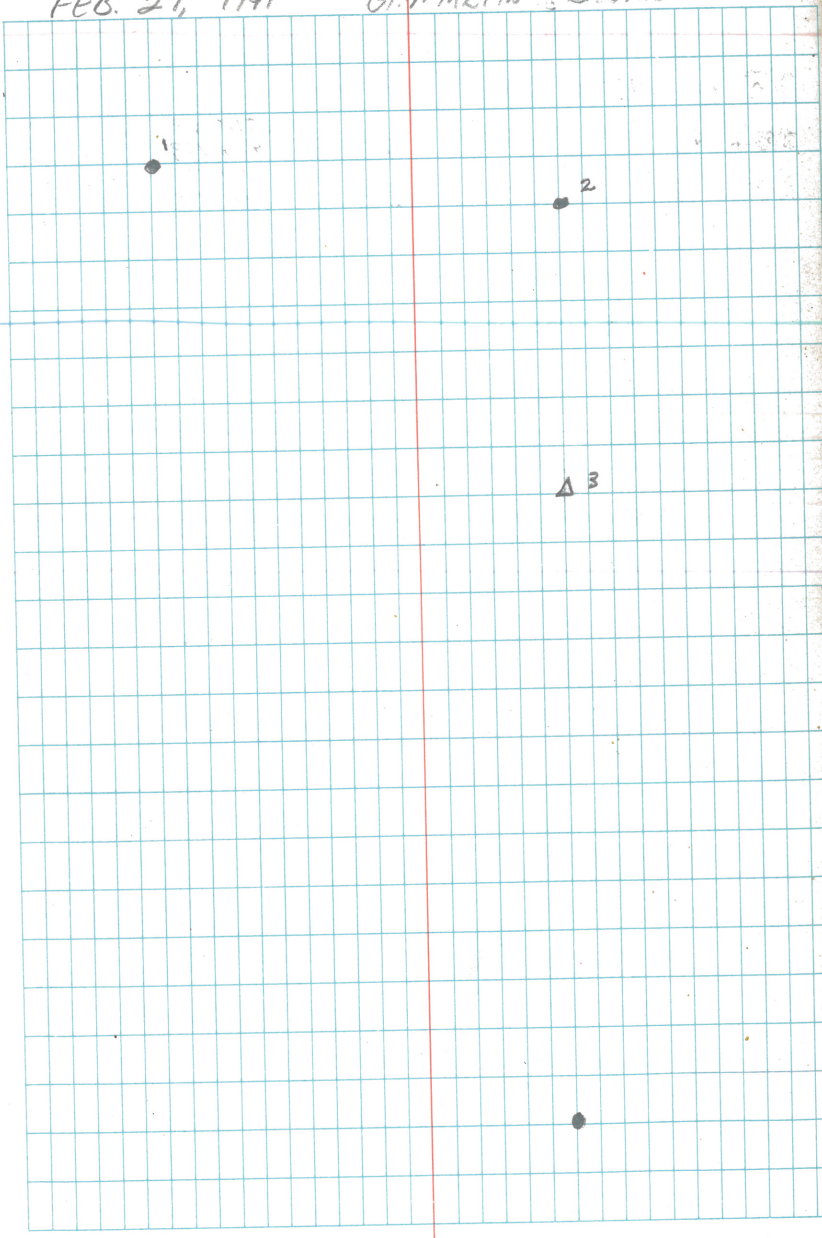
TC @ 1 65 11
00-00-10
179-59-
2) 189- 187-37-10
09- 189 37 21

BOB MECHURA

TC 2	BS 1		
270-29-24		89-52-02	1727.34 526.493 674.12
3)180-58-44		89-58-44	205.470

20° CLEAR

FEB. 27, 1991 G. MARTIN D. FARNUM 2



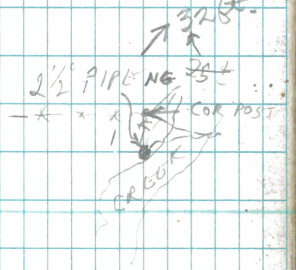
HERB WILSON

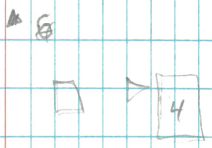
T @ 2	BS 1			
0-0-40				
180-0-40	165-09-08	91-13-34	912.52	912.286
165-09-48			278.123	
3 345-9-44	165-09-04	89-44-23	1344.30	1344.274
			409.239	
T @ 3	BS 2			
00-00-09				
180-09-06	188-10-33			
188-10-42				
4) 08-10-30	188-10-24			
T @ 4	BS 3			
00-00-14				
180-00-06	157-41-26	90-03-35	1987.83	1987.817
157-41-40			605.889	
5) 337-41-25	157-41-19	90-25-45	1701.53	1701.471
			518.624	
T @ 5	BS 4			
00-00-09				
180-00-00	347-54-52			
347-55-01				
6) 167-54-49	347-54-49			
T @ 7	BS 6			
0-0-45				
180-0-31	90-26-12	89-25-32	2651.69	2651.547
90-26-57			808.236	
8 270-26-45	90-26-14	89-33-35	2471.65	2471.568
			753.360	
T @ 9	BS 6			
0-0-35				
180-0-35	89-08-45	88-54-08	1211.15	1210.922
89-09-20			369.158	
10 269-02-46	89-08-11			

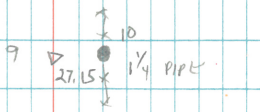
Clear – 10° – Wind 8-15 mph SW

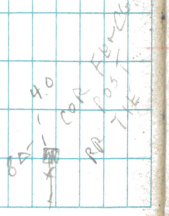
March 7, 1991 – E. Curo – G. Martin – D. Farnam 3

Geo. Warning About Wind & Sunshine









12,286
3,44,274

987.817
701.471

651.547
471.568

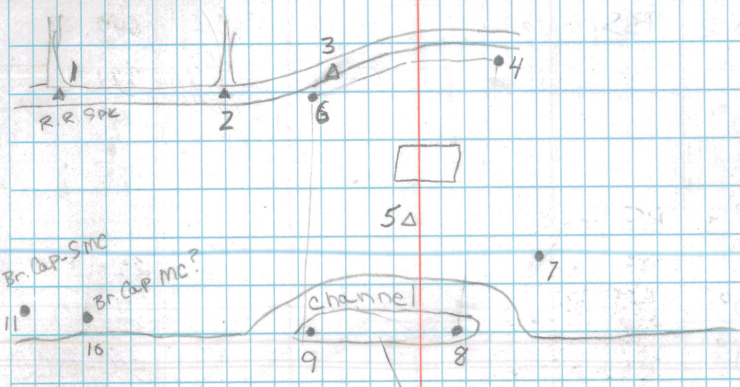
210.922

Gene Phelps

π@2	**BS1**			
00-00-45			641.53	
180-00-40	160-49-30	87-25-40	195.540	640.884
160-50-15			321.49	
3) 340-50-19	160-49-39	90-53-59	97.989	321,447
π@3	**BS2**			
00-00-22				
180-00-20	185-36-41			
185-31-03			244.60	
4) 05-31-00	185-30-40	90-27-45	74.554	244,591
255-22-38	255-22-16			
5) 75-22-24	255-22-04			
346-05-40	346-05-24			54.88
6) 166-05-36	346-05-16			
π@5	**BS3**			
00-00-15			279.75	
180-00-00	139-37-14	87-58-44	85.270	279,752
139-37-29			227.20	
7) 319-37-16	139-37-16	91-55-37	69,249	227.068
188-14-59	188-14-44		209.61	
8) 08-14-57	188-14-57	91-54-45	63.890	209.494
241-58-19	241-58-04		274.27	
9) 61-58-16	241-58-16	91-34-49	83.598	274,165
264-36-11	264-35-56		606.51	
10) 84-36-09	264-36-09	90-49-55	184.865	606.444
266-57-31	266-57-16		708.33	
11) 86-57-26	266-57-26	90-41-27	215.898	708.274

20°-Overcast-Lt. Snow

March 8 1991 D. Farnam - G. Martin



Allen Tepee

1) @ 2 BS1

3) 180° 43.0

1) @ 3 BS1

4) 90° 27.0

5) 90° 60.52

20°-Ove

March

20°-Overcast-Windy

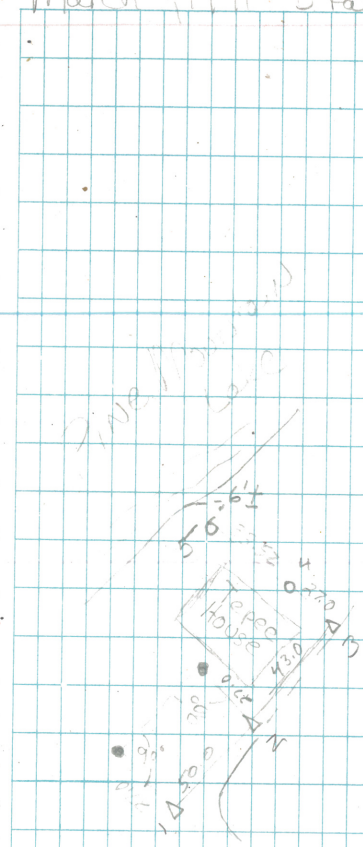
March 11, 1991 - 0 Fahrenheit - (-6 Martian)

5

43.0

27.0

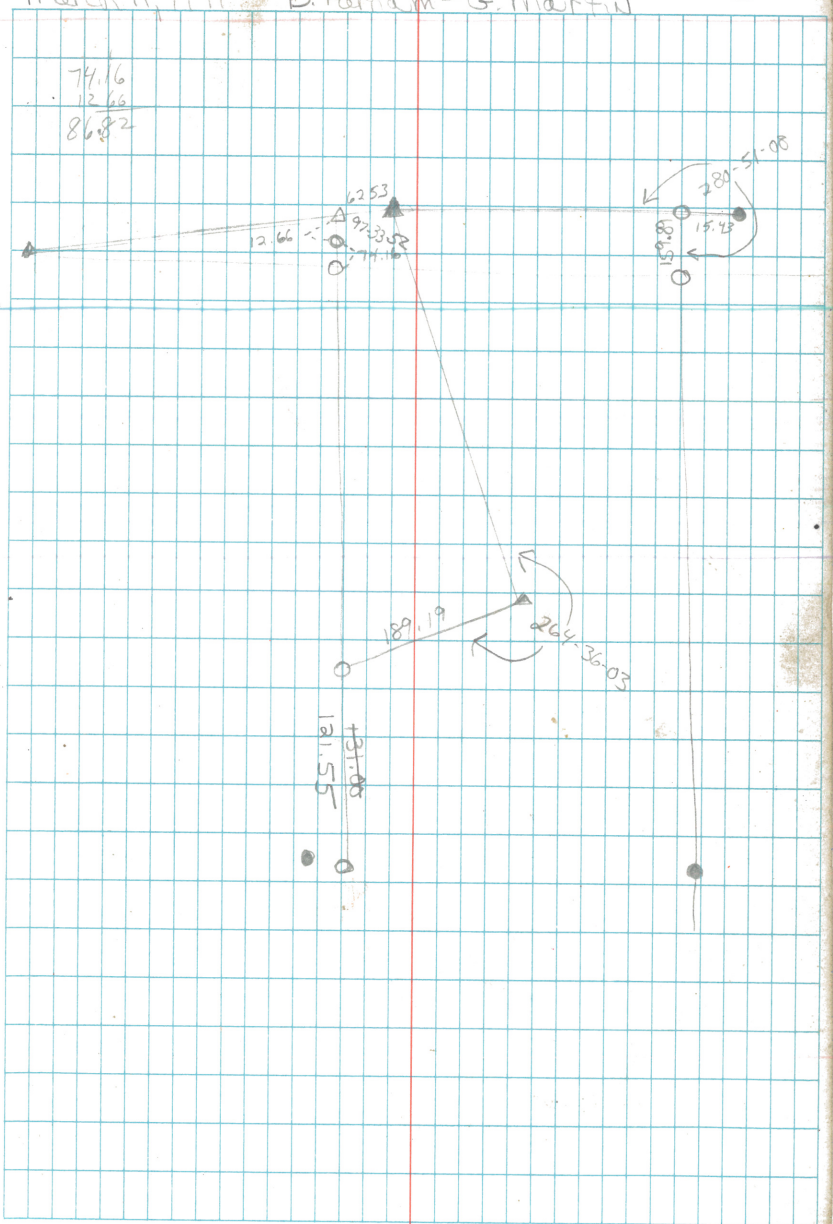
60.52



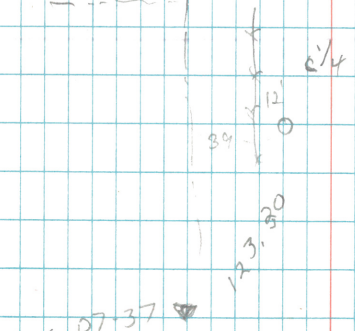
Gene Philips

20° overcast - Very Windy

March 11, 1991 D. Forman - G. Martin

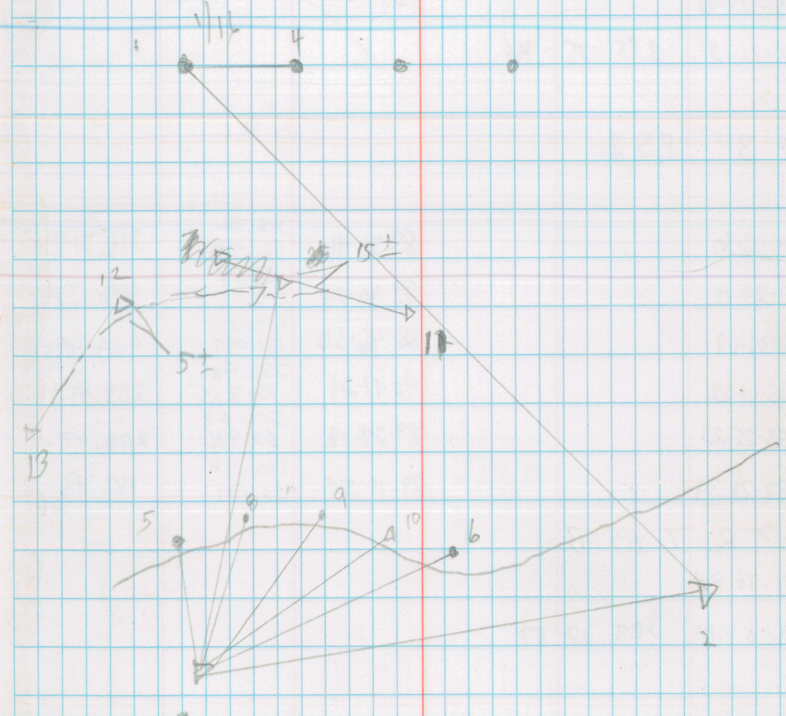


HERB WILSON


C/L
12'
30'
3'
2016-07-37

TOM MOORE

⊼ @	25 BS	1	100		
		10.60		BM	ICE
85-23	178	6.6	104		
	152	6.2	104.4	BRK	
	130	8.2	102.4		
	90	8.3	102.3		
		4.7	105.9	GAR FL[illegible]	
120 8+ 265	59	3.5	107.1	[illegible]	
⊼ @	26	BS 11			
		7.4		BM	ICE
85-30	145	3.6	103.8		
	118	2.9	104.5		
	82	5.1	102.3	BRK	
⊼ @	7 BS	11			
0-0-13 180-0-20	148-20-16				
148-20-29 12 328-20-30	148-20-10		90-15-25	260.93 79.528	260.92
⊼ @	12 BS	11			
00-00-21					
13 163-21-39	163-21-18				

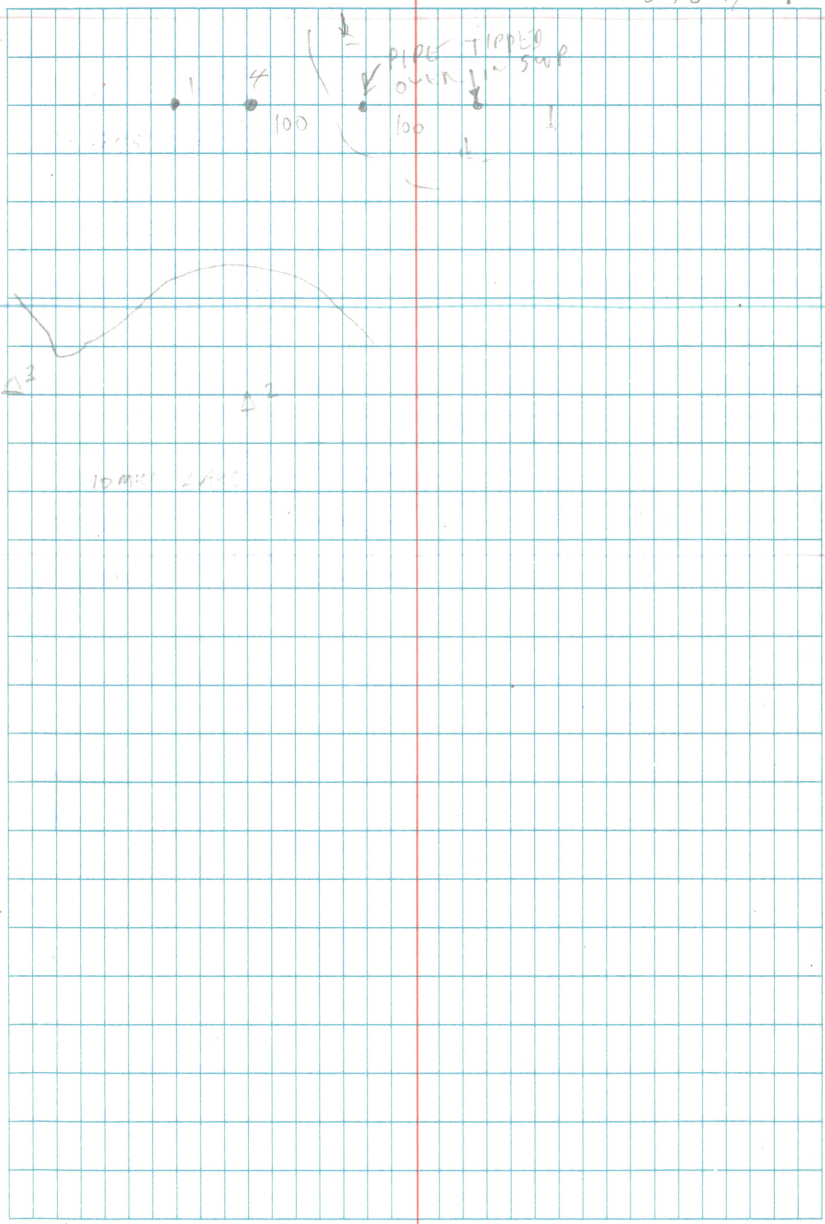

4
15
12
5
11
13
5
9
9
10
6
2
3

		MOD 6			
XQ 2	LC				
317-51-25			88-17-42	352.710	1156.67
[illegible]	317 51	06	90-01-30	676.91	676.908
XQ	1 BS	2			
335-35-44					
4 311-11-31	335-35	46			
XQ 3	BS 2				
5) 215 08 30			89 50 46	[illegible]	316.717
6) 313-25-12			89-40-24	[illegible]	188.358
7) 250-09-09			[illegible]	131.097	429,994
8) 235-41-22			90-11-24	232.96 72.2[illegible]	238.957
9) 253-25-23			89 29 18	206.68 62.9[illegible]	206,67
10) 282-21-39			[illegible]	56.[illegible]	186.46
XQ	7 BS 3				
309-30-24					
259-0-14	309-30-07				

CLR 3D'

E. CULO
B. MARTIN
3-16-91

9



4156.67

676.908

316.717

188.358

429.994

238.957

206.67

186.46

ROGER MICHAEL N LINE 29-140-31

T @ 2 BS 1

181-08-52

92-55-10 634.87 634.043
197.508

3 2-17-28 181-08-44 06-58-30 736.36 224.440 735.327

T @ 3 BS 2

179-0-03

4 357-59-47 178-59-54 89-38-11 3902.89 1189.602 3902.796

T @ 4 BS 3

0-07-21

T @ 5 BS 4

89-27-24 1887.62 575.346 1887.526

90-23-54 826.64 251.959 826.615

90-44-26 604.20 184.161 604.144

35' CLR COOL WIND

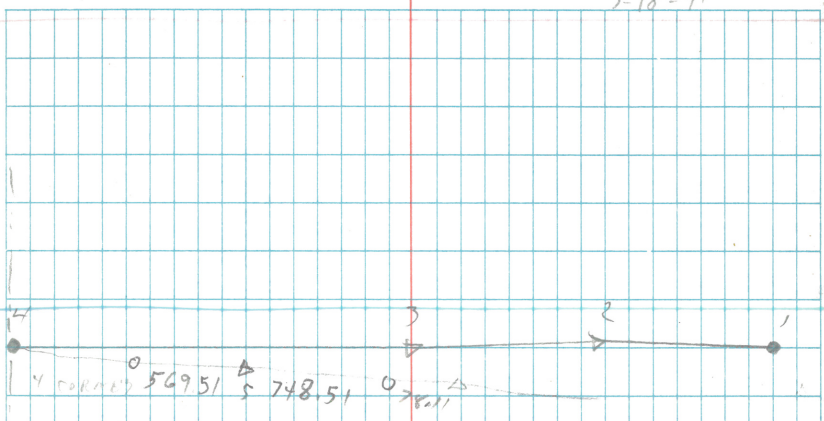
E. OURO
D. FARNUM
3-18-91

10

634.043
035.327

3902.796

887.526
726.615
504.148



40°-C

Marc

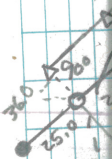
TP 1 BS 2

3) 276-48-20

4) 282-21-42

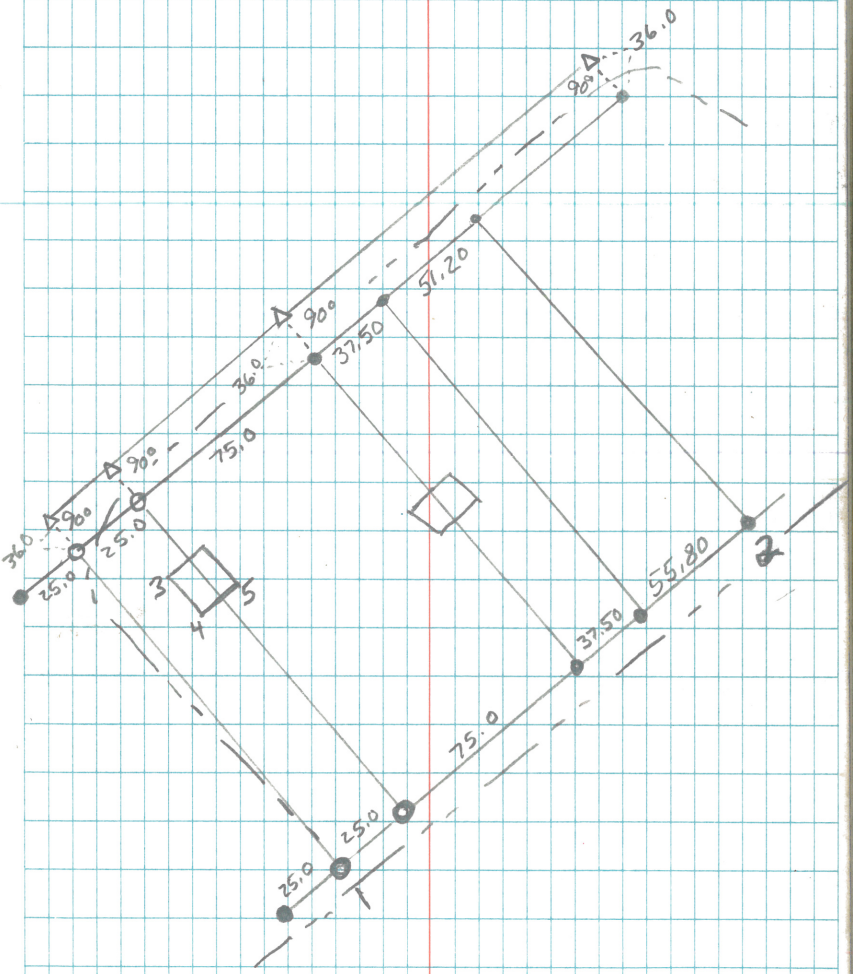
5) 295-22-24

109.00
33.223
65.16
19.859
70.97
21.630



40°-Clear-10 mph wind

March 25, 1990 D. Fearnem-G Martin 11



Leon LaVallee

π@3	BS 4				
60-00-20				312.28	
180-00-15	22-45-09		90-32-20	95.183	312.264
22-45-29				262.13	
5) 202-45-26	22-45-11		91-02-20	79,896	262,083
71-25-08	71-24-48			245.99	
6) 251-24-58	71-24-43		91-35-14	74.977	245,893
138-03-47	138-03-27			150.07	
7) 318-03-36	138-03-21		91-31-21	45.742	150.017
π@8	BS 3				
00-00-27				633.08	
180-00-23	272-21-50		90-07-42	192.965	633,08
272-22-17				242.85	
9) 92-22-06	272-21-43		91-59-46	74,022	242,704
π@9	BS 8				
00-00-14					
180-00-15	79-56-28				
79-56-42				119.75	
10) 259-56-48	79-56-33		89-05-56	36.499	119,733
221-17-10	221-16-56			190.33	
11) 41-17-04	221-16-49		88-26-12	58.010	190.254
229-58-00	229-57-46			69.95	
12) 49-57-55	229-57-40		95-04-29	21.316	69.668
284-50-09	284-49-55			56.96	
13) 104-49-54	284-49-44		88-58-20	17.362	56.952
348-30-41	348-30-27			16.59	
14) 168-30-28	348-30-13		90-24-06	5.055	16,587
π@8	BS 9				
00-00-21	66-08-27				
180-00-19				319.77	
15) 66-08-48	66-08-23		90-53-55	97.466	319.729
246-08-42					
π@11	BS 9				
00-00-30	249-46-30				
180-00-30					
249-47-00					
16) 69-47-10	249-46-30				

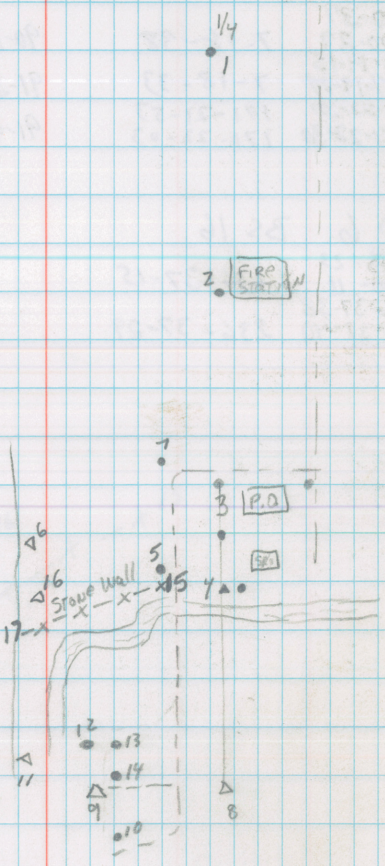
March 26, 1991 D. Farnam - G. Martin

12.267
62.083
45.893
50.017

33.08
72.704

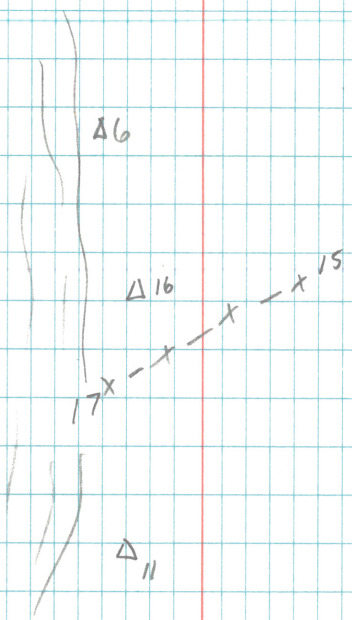
19.733
90.254
9.668
6.952
6.587

19.729



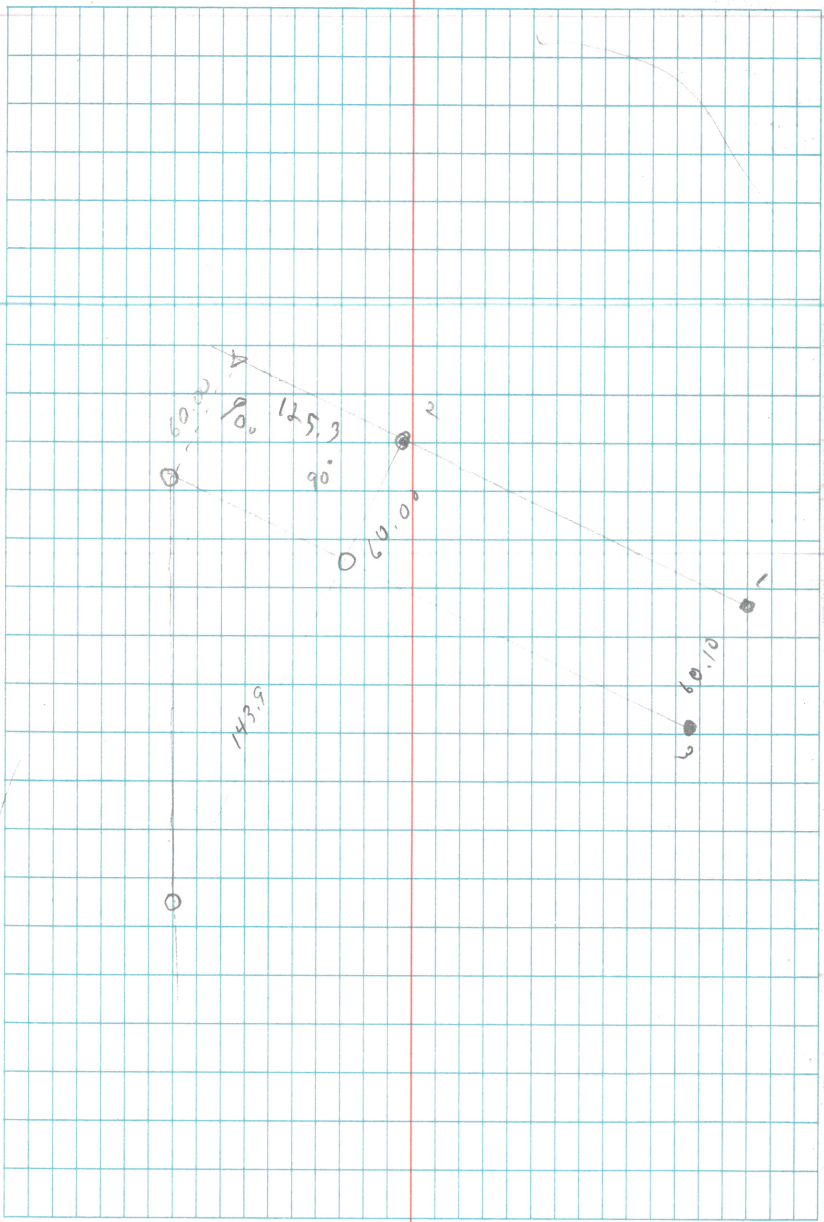
℄@16	BS 11			
00-00-37			243.89	
180-00-27	7-18-38	90-14-59	74.337	243,886
17)07-19-15			134.66	
187-19-00	7-18-33	91-30-30	41.049	134.620
171-22-30	171-21-53		196.22	
6)351-22-30	171-22-03	91-44-52	59.807	196.126
℄@ 6	BS 16			
00-00-23				
180-00-11	236-37-15			
3)236-37-38				
56-37-40	236-37-29			

243,886
134,620
198,126



DUANE	NORDIN			LOT 1 BLK 4 KIMBALL 1ST ADD PINE RVR
T 0 1 BS 2				
0-0-20				300.04
180-0-05			90-42-15	91.455
269-52-48				
3 89-52-10				

PINE RVR



ALLAN McENROE — PT GL 1 -18-143-30

	π @ 2	BS 1			
00-00-15				296.66	
180-00-16	106-38-03		90-02-39	90.420	296.655
106-38-18					
3) 286-37-48	106-37-32				
175-03-48	175-03-33			376.29	
4) 355-03-44	175-03-28		90-16-05	114.692	376,282
205-20-15	205-20-00			232.08	
5) 25-20-08	205-19-52		89-07-41	70.738	232,052
π @ 4	BS 2				
0-0-25					
180-0-30	228-37-04				
228-37-29					
6) 48-37-22	228-36-52				
	π @ 5	BS 2			
0-0-21					
68-12-46				EDGE	MAP
1 99-55-52				72.70	
2 177-49-10				51.63	
3 303-31-58				36.75	
4 356-25-43				30,48	
261-15-15				180.6	PI
	π @ 7	BS 2			
00-00-12				286.80	
180-00-06	221-20-48		91-11-24	87.915	286.734
221-21-00				325.05	
8) 41-20-59	221-20-53		89-37-15	99.075	325.038
π @ 8	BS 7				
00-00-22					
180-0-24					
9) 60-54-50	289				
293-57-25	293-57-03		89 18 44	345.61	
10) 113-57-20	293-56-56			105.340	345.580
				168.42	
				51.332	

π @
0-0-37
180-0-3
271-52
91-52-

30

96.655

76.282

32.052

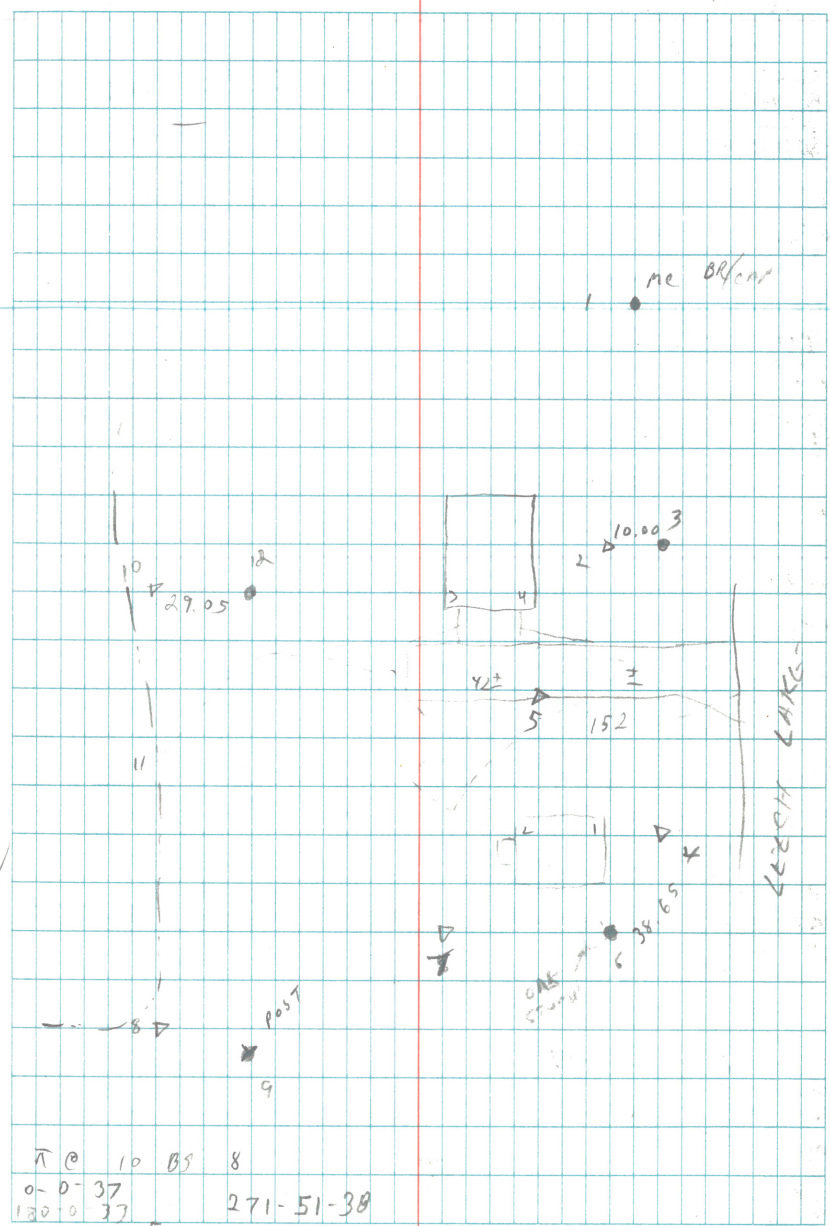
mp

PI

86.734

25.038

45.560



π @	2 BS	1			
00-00-12				344.69	
180-00-13	118-17-56		93-12-42	105.061	344,146
118-18-08				628.66	
3) 298-18-05	118-17-52		91-42-12	191.603	628.305
π @ 3	BS 2				
0-0-12					
180-0-11	278-32-42				
278-32-54					
4) 98-32-45	278-32-34				
π @ 3	BS 2				
00-00-22					
180-00-17	3-11-00				
03-11-22				40.12	
6) 183-11-18	3-11-01		91-03-14	12.7226	40.015
π @ 2	BS 7				
00-00-14				812.14	
180-00-15	0-34-23		91-16-19	247.50	811,936
00-34-37					
3) 180-34-52	0-34-37				
π @ 2	BS 3				
00-00-21					
180-00-16	6-36-51				
00-37-12				438.37	
2) 180-37-04	6-36-48		92-58-38	133.615	437.958
π @ 2	BS 3				
00-00-14					
180-00-16	1-12-41				
01-12-55				364.17	
9) 181-12-50	1-12-34		92-52-08	111.000	363.714

344,146

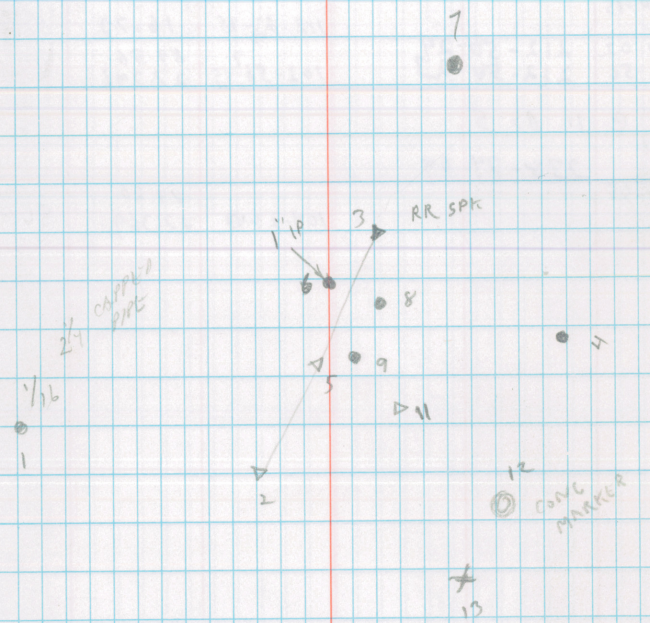
28.305

70.015

11,936

37.958

63,714



Ⅱ@ 5	BS 3				
0-0-10 180-0-14	51-40-19		91-48-20	447.03 [illegible]	443.805
51-40-38 11 231-40-30	51-40-16				
[illegible]	@ 11 BS 5				
0-0-38 180-0-[illegible]	186-09-37		[illegible]	142.91 [illegible]	142.908
186-10-15			112-23-18	16.72	15.46
212-51-02 32-50-56	212-50-24 212-50-23		102-58-[illegible]	89.56 27.296	87.269
Ⅰ @	11 BS 5				
0-0-46	238-24-09				
238-24-[illegible] 3			101-23-43	89.20 27.369	86.977

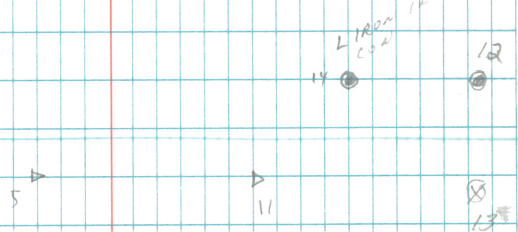
443.805

142.908

15.46

87.269

86.977



50' CLR

Λ @ 2 BS 1					
00-00-27				1029.59	
180-00-28	243-04-55		91-57-36	313.813	$1028,973
243-05-22				1421.90	
3) 63-05-18	243-04-50		92-09-11	433.396	1420,891
TP 2 BS 1					
00-00-18					
180-00-28	181-41-40				
181-41-58				1340.21	
4) 01-41-56	181-41-28		90-23-46	408.474	1340.169
TP 2	BS 1				
~~00-00-24~~	00-00-46				
~~180-00-03~~	180-00-42	284-43-31			
~~284-43-54~~	284-44-17			2553.82	
5) ~~104-43-44~~	104-44-21	284-43-39	90-24-36	778.406	2553.746
TP 2	BS 1				
00-00-15					
180-00-22	308-05-35				
308-05-50				1674.61	
6) 128-05-58	308-05-36		90-00-22	510.420	1674.601
TP 4	BS 2				
0-0-57					
180-0-50	265-41-25				
265-42-22					
7 85-42-21	265-41-31				
Λ @ 5 BS 3					
0-0-18					
180-0-27	56-10-03				
56-10-21				1163.59	
8 236-10-22	56-09-55		90-11-55	354.664	1163.581
Λ @ 5 BS 2					
56-45-36					
9 113-31-18	56-45-39		89-44-25	1356.51	
				413.478	1356.538

50' CLR

E. CURD
G. MARTIN
4-17-91

18

8028.973

7420.891

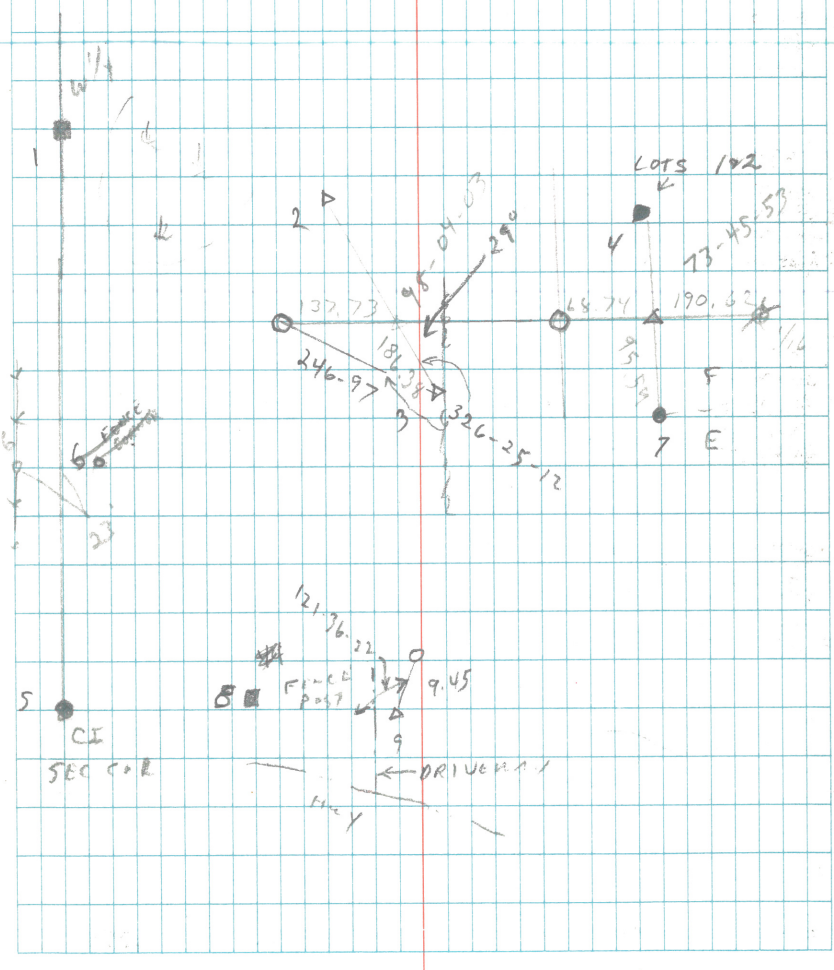
1340.169

2553.746

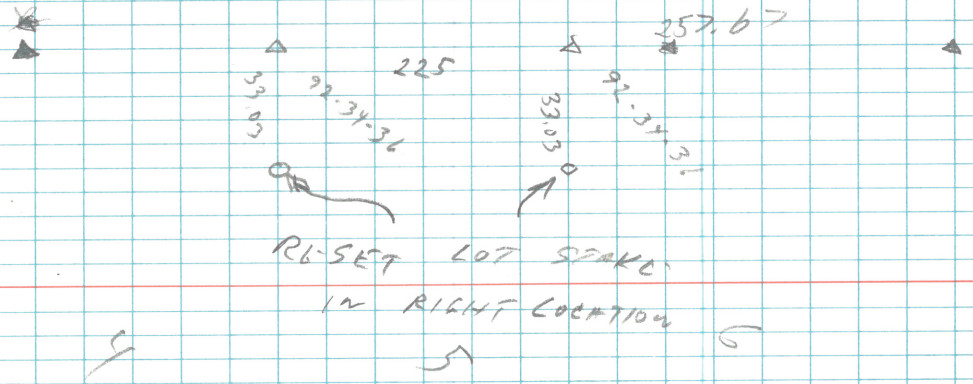
1674.601

1163.581

1356.538



E. CASKEY BAY VIEW



E. Cuko
G. Martin
4-17-91

ZEFF SELL				
π @	5 BS 4			
00-00-36 180-00-24	165-39-40	89-59-12	1198.64 365.346	1635.312
165-40-16 6) 345-40-11	165-39-47	89-59-41	1814.03 552.716	1813.913
π @	6 BS 5			
0-0-48 180-0-35	267-24-13			
267-25-01 7) 87-24-53	267-24-18			
π @ 4	BS 3		1057.9 [illegible]	1057.429
00-00-26 180-0-10	68-57-08			
68-57-34 5) 248-57-30	68-57-20			
146-56-15 8) 326-56-03	146-55-49 146-55-53			
π @	2 BS 3			
0-0-35 180-0-32	30-48-10	89-50-59	1198.64 365.346	1198.632
30-48-45 1 210-48-38	30-48-06	89-49-53	328.57 100.147	328.562
π @ 3	BS 2			
00-00-23 180-00-31	250-36-06			
250-36-29 4) 70-36-21	250-36-00			
π @ 4	BS 3			
00-00-18 180-00-11	68-57-29			
68-57-40 5) 248-57-32	68-57-25			
146-56-23 8) 326-56-16	146-56-07 146-56-13			
π @	8 BS 4			
0-0-21 180-0-26	217-09-19	90-44-17	2368.45 721.892	2368.224
217-09-40 9 37-09-45	217-09-19	92-1-39	811.58 247.368	811.066

E. CUDD
D. FARNUM
G. MARTIN
4-22-91

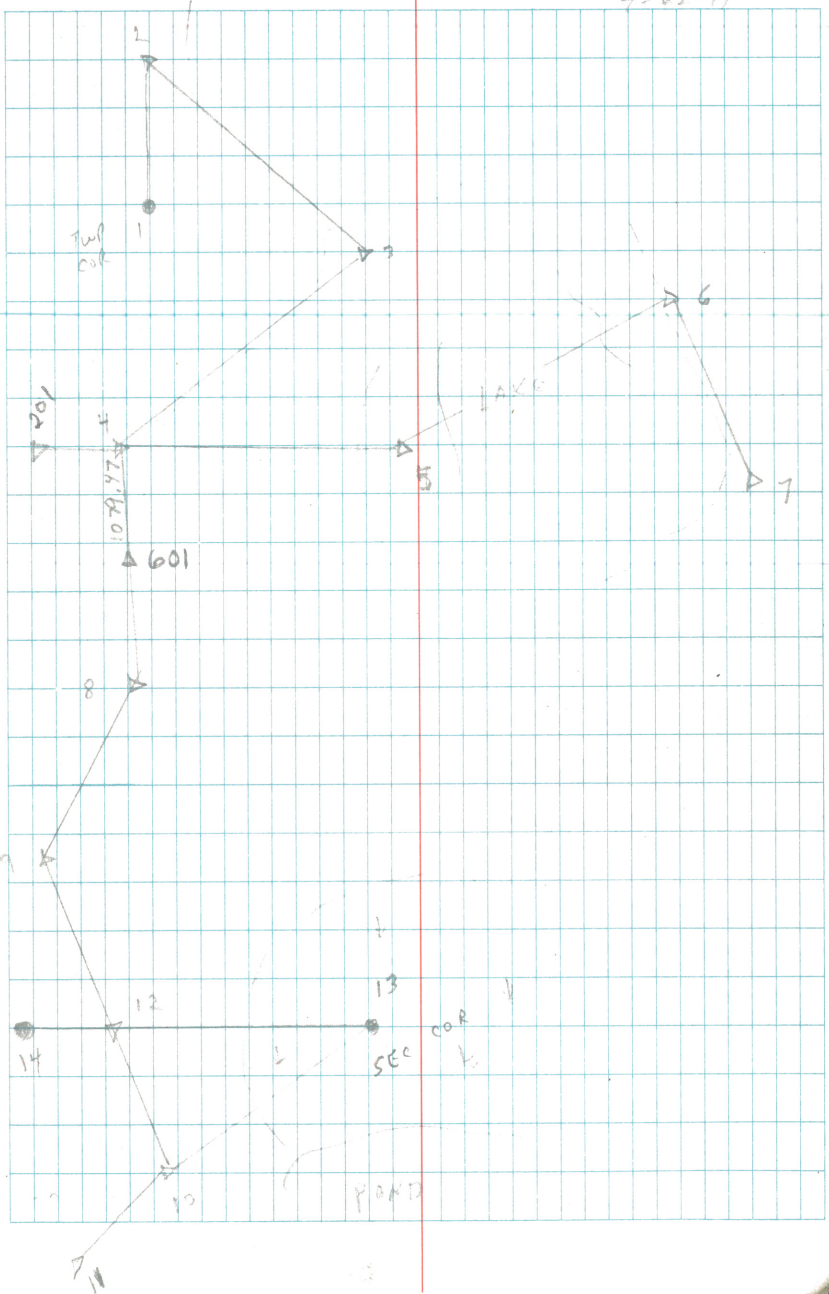
20

1635.312
1813.913

1057.429

1198.632
328.562

2368.224
811.066



Jeff Sell

K @ 9 BS 8				
0-0-34				
180-0-37	144-36-53			
144-37-27				
10 324-37-36	144-36-59			
K @ 10 BS 9				
0-0-23				
180 0-2-3	54-01-58	90-13-43		1097.724
54-02-21	54-22-11			
13 234-22-34				
12)		91-01-32		352.873
205-57-17	205-56-54			
11) 25-57-16	205-56-53			866.147
TT @ 12				
00-00-21				
180-00-24	86-11-35			
86-11-56				
13) 266-11-52	86-11-29			
266-21-32	266-21-12			
14) 266-21-23	266-21-09			
K @ 11 BS 10				
0-0-11				
180-0-10	172-21-53			
172 22 04				
15 352 22 10	172-22-00			
K 10 BS 9				
~~00-00-09~~	00-00-17			
~~180-00-29~~	180-00 17	54-01-44		
~~54-02-15~~	54-02-01			
13) ~~234-02-15~~	234-02-15	54-01-58		
K @ 15 BS 11				
00-00-25				
180-00-27	119-56-01	89-01-58	849.03	848.91
119-56-26			258-787	
16) 299-56-36	119-56-09	91-49-01	971.41	970.914
			296.084	

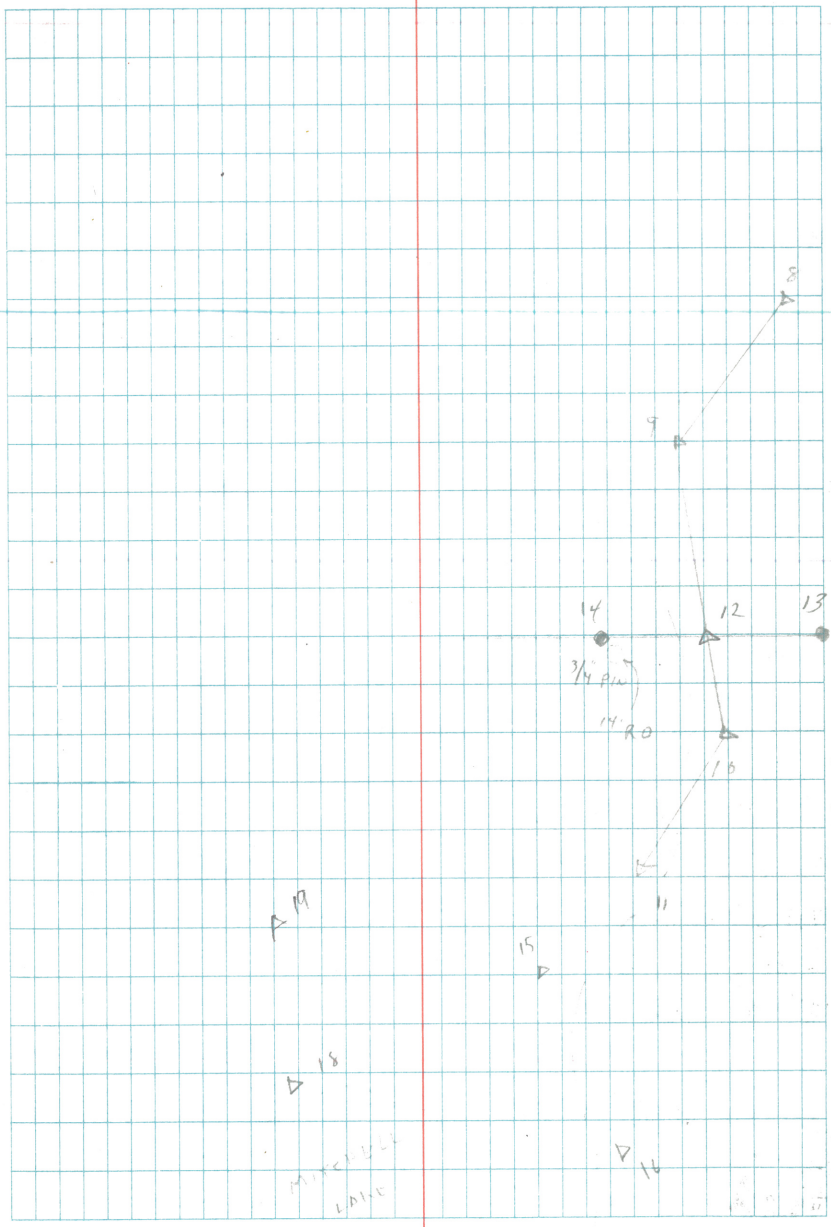
1097.724

352.873

866.147

848.91

970.914

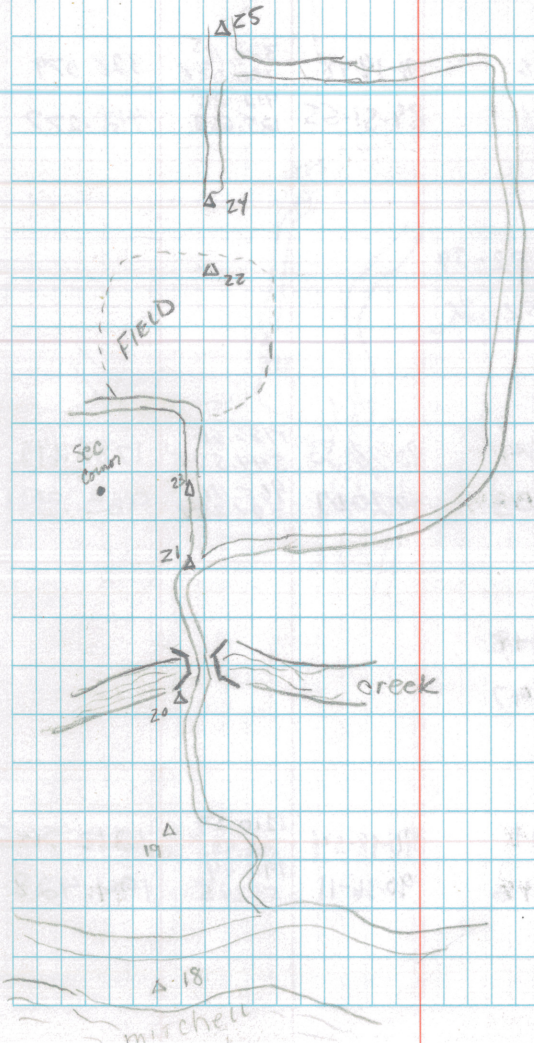


Jeff Sell

π@16	BS 15				
00-00-15					
180-00-06	253-52-12				
253-52-27					
17) 73-52-36	253-52-30				
π@17	BS 16				
00-00-32				5069.15	
180-00-44	307-58-00		89-53-12	1545.083	5069.115
307-58-32				5163.43	
18) 127-58-39	307-57-55		89-45-54	1573.815	5163.366
π@18	BS 17				
00-00-29					
180-00-34	181-21-40				
181-22-09					
19) 01-22-14	181-21-40				
π@19	BS 18				
00-00-23	00-00-12			482.69	
180-00-12	180-00-25	195-49-44	90-26-52	147.128	482.168
195-49-41	195-49-56			753.55	
20) 15-49-30	15-50-02	195-49-37	91-52-15	229.681	753.143
π@20	BS 19				
00-00-27					
180-00-28	171-57-09				
171-57-36					
21) 351-57-29	171-57-01				
π@21	BS 20				
00-00-36	197-15-44		92-33-55	370.60	
180-00-33				112.954	370.219
197-16-20			88-01-26	944.73	
22) 17-16-17	197-15-44			287.950	944.158
π@22	BS 21				
00-00-40	169-13-06				
180-00-40					
24) 169-13-46 / 349-13-44	169-13-04				

70° ±

April 26, 1991 D. Farnam - G. Martin

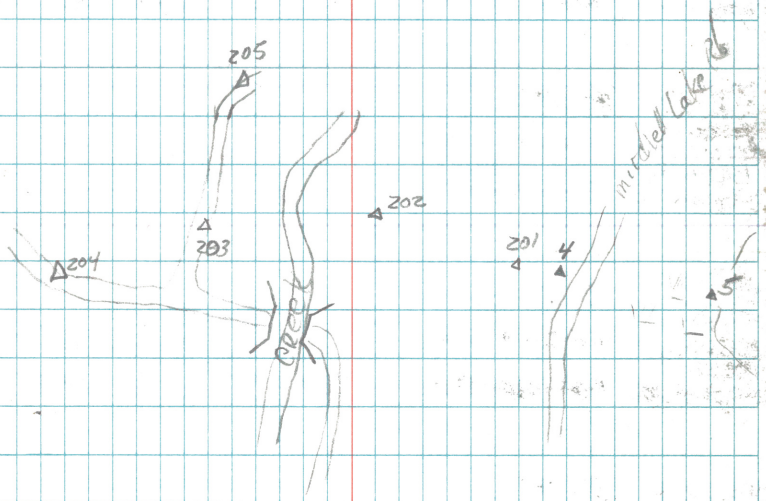


Jeff Sell

April

π@23	BS 22				
00-00-32 180-00-37	275-20-36		87-46-06	749.79 228.528	749,194
275-21-08 95-21-06	275-20-29		90-40-16	103.14 31.441	103.139
π@24	BS 22				
00-00-21 180-00-27	186-26-26		91-14-48	328.16 100.022	328.079
186-26-47 25)06-26-53	186-26-26		89-51-55	412.28 125.663	412.277
π@16	BS 15				
00-00-42 180-00-41	253-52-39				
253-53-21 17)73-53-16	253-52-35				
π@201	BS 5				
00-00-17 00-00-16	196-35-54		90-23-38	1786.66 544.575	1786.612
196-36-11 202)16-36-10	196-35-53		90-20-07	965.41 294.259	965.391
π@202	BS 201				
00-00-45 180-00-40	140-20-48				
140-21-33 203)320-21-27	140-20-47				
π@203	BS 202				
00-00-27 180-00-22	128-12-11		90-18-54	1210.59 368.985	1.210.562
128-12-38 204)308-12-34	128-12-16		90-36-11	194.44 59.265	194.428

April 26, 1991



9,194
23.139
28.079
2-277
786.612
65.391
210.562
4.428

JEFF SELL

POB 203	BS 202			
00-00-17				
180-00-17	239-23-47			
239-24-04				
205) 59-24-03	239-23-46			
POB 205	BS 203			
00-00-19				
180-00-15	225-31-28	90-45-21	387.21	387.175
225-31-47			118.022	
206) 45-31-35	225-31-20	88-12-35	278.12	277.480
			84.769	
POB 206	BS 205			
00-00-19				
180-00-15	154-19-49			
154-20-08				
207) 334-20-06	154-19-51			
POB 207	BS 206			
00-00-19				
180-00-21	181-22-25	92-37-59	288.92	288.612
181-22-44			88.062	
208) 01-22-37	181-22-16	89-14-18	249.78	249.755
			76.182	
POB 208	BS 207			
00-00-32				
180-00-25	125-48-22			
125-48-54				
209) 305-48-53	125-48-28	92-59-02	219.81	219.508
			66.996	
POB 204	BS 203			
00-00-35				
180-00-34	257-23-51			
257-24-26				
210) 77-24-23	257-23-49			

5-2-91

40° + WINDY - CLOUDY G. MARTIN D. FARNAM

24

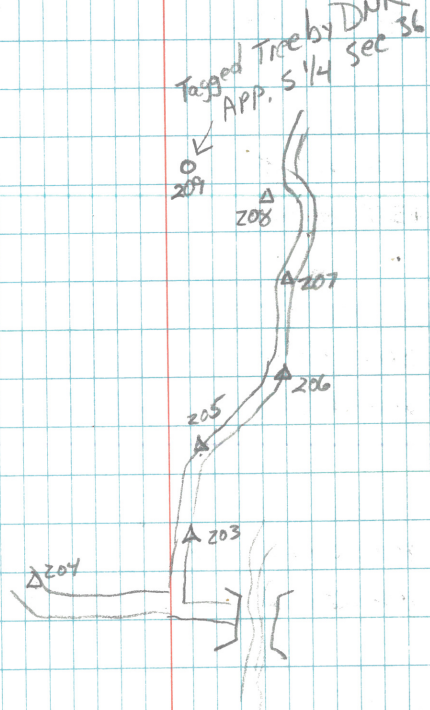
21
022 387.175

12
769 277.980

92
0.62 288.612

78
132 249.755

71
96 219.508



Jeff Sell

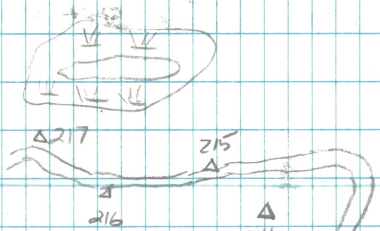
5-3-91

Π @ 210	BS 204			
00-00-34			572.09	
180-00-27	196-36-56	94-39-28	174.375	570.201
196-37-30			349.21	
211) 16-37-30	196-37-03	91-17-57	106.438	349.117
Π @ 211	BS 210			
00-00-20				
180-00-17	154-26-55			
154-27-15				
212) 334-27-09	154-26-52			
Π @ 212	BS 211			
00-00-17			327.31	
180-00-19	208-18-47	90-09-32	99.761	327.303
208-19-04			288.08	
213) 28-19-05	208-18-46	89-04-41	87.790	288.014
Π @ 213	BS 212			
00-00-10				
180-00-10	208-08-28			
208-08-38				
214) 28-08-30	208-08-20			
Π @ 214	BS 213			
00-00-32			240.05	
180-00-28	146-43-05	88-21-14	73.169	239.953
146-43-37			~~181.14~~	
215) 326-43-39	146-43-11	~~92-57-04~~	~~52.211~~	~~175.984~~
			181.13	
		92-55-13	55.207	180.892
Π @ 215	BS 214			
00-00-28				
180-00-22	140-43-51			
140-44-19				
216) 320-44-12	140-43-50			

5-3-91

570.201

349.117



327.303

288.014

239.953

~~175.984~~

180.892

JEFF SELL 5-3-91

TC 216	BS 215			
0-00-33 0-00-29	203-52-54	91-08-48	323.59 98.629	323.522
203-53-26 71)23-53-19	203-52-50	91-46-18	431.07 131.390	430.862
TC 217	BS 216			
0-00-39 0-00-36	117-06-21			
7-07-00 8)297-06-54	117-06-18			
TC 218	BS 217			
0-00-34 0-00-34	208-14-25	90-56-01	396.47 120.845	396.418
208-14-59 9)28-14-52	208-14-18	90-14-41	242.37 73.874	242.366
TC 219	BS 218			
0-00-11 0-00-06	117-12-49			
7-13-00)297-12-55	117-12-49			
TC 220	BS 219			
0-00-25 -00-23	154-32-22	89-32-33	623.89 190.161	623.866
154-32-47 1)334-32-46	154-32-23	89-32-33	267.53 81.544	267.522
TC 221	BS 220			
0-00-19 0-00-21	202-01-47			
2-02-06 2)22-02-02	202-01-41			

35° CLOUDY – WINDY

G. MARTIN D. FARNHAM 26

59 629 323.522

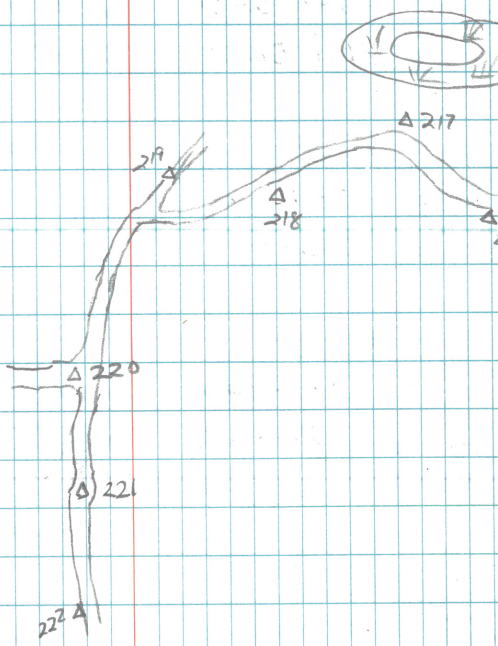
07 390 430.862

77 45 396.418

37 4 242.366

89 161 623.866

53 44 267.522



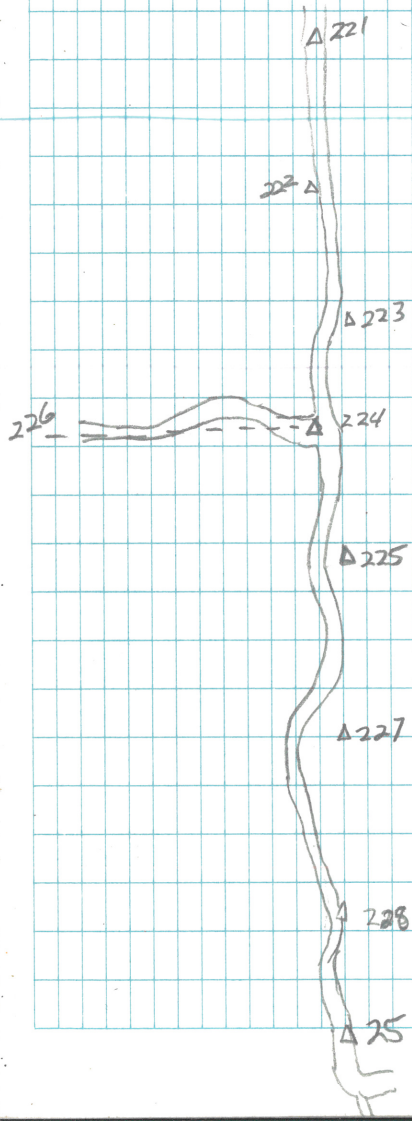
JEFF SELL

PC 222	BS 221			
00-00-24			279.56	
180-00-23	161-51-51	89-56-40	85.209	279,557
161-52-15			384.60	
223) 341-52-14	161-51-51	90-29-47	117.227	384,585
PC 223	BS 222			
00-00-40				
180-00-39	221-03-07			
221-03-47				
224) 41-03-48	221-03-09			
PC 224	BS 223			
00-00-30			245.00	
180-00-21	139-30-57	89-0555	74.675	244,967
139-31-27			286.75	
225) 319-31-27	139-31-06	90-5715	87.401	286.708
226) 241-51-28	241-50-58			
PC 225	BS 224			
00-00-18				
180-00-01	192-54-52			
192-55-10				
227) 12-55-07	192-55-06			
PC 227	BS 225			
00-00-40			498.74	
180-00-36	193-06-58	90-32-45	152.012	498,709
193-07-38			261.08	
228) 13-09-34	193-06-58	90-29-34	79.576	261,067
PC 228	BS 227			
00-00-38				
180-00-30	160-19-26			
160-20-04				
25) 340-19-54	160-19-24			

279,557
384,585

244,967
286,708

498,709
261,067



Jeff Sell

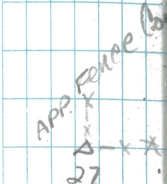
May

TP 25 BS 228

00-00-26 180-00-24	192-35-47	89-32-36	251.52 76.661	251,507
192-36-13 24) 12-36-07	192-35-43			
248-32-54 26) 68-32-49	248-32-28 248-32-25	90-00-34	207.33 63.194	207,329

TP 26 BS 25

00-00-26 180-00-33	210-51-11			
210-51-37 27) 30-51-39	210-51-06	90-09-38	114.33 34.847	114,328

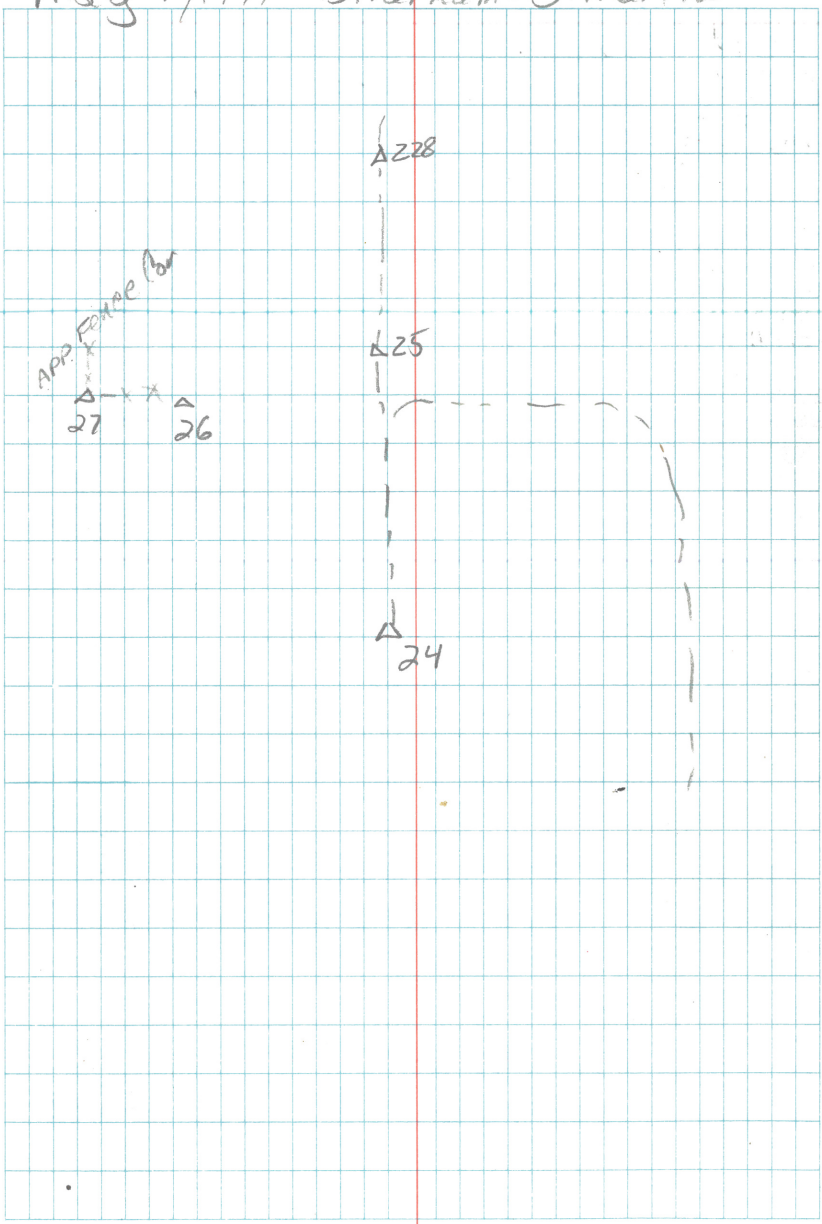


May 7, 1991 D. Farnam - G. Martin

51,507

07,329

14,328



Jeff Sell

IC@14	BS 12			
00-00-44 180-00-43 178-02-54 301) 358-04-05	178-03-10 178-03-22	220-03 91-19-16	500.25 152.478 71.203	499.946 233.54
IC 301	BS 14			
180-00-33 302)	184-54-05 184-54-03			
IC@ 302	BS 301			
00-00-16 180-00-15 177-29-10 303) 357-29-03	177-28-54 177-28-54	91-27-50 91-28-49	196.87 371.658	196.771 371.529
IC@ 303	BS 302			
~~00-00-30~~ 180-00-48 ~~177-30-08~~ 304) ~~357-30-26~~	00-00-11 180-00-29 177-29-32 359-29-54	179-29-15 179-29-25		
IC@ 304	BS 303			
00-00-31 180-00-47 182-41-51 305) 362-41-55	182-41-20 182-41-08	90-19-49 91-21-59	132.340 133.159	433.804 183,181
IC 305	BS 304			
~~00-00-1~~ 180-00-47 ~~182-41-57~~ 1/4) ~~362-41-55~~	00-00-21 173-21-24 173-21-03	173-21-03 91-29-21	215.34 65.280	214,523

Windy - Clear - 78°

May 10, 1991 - D. Farnam - G. Martin

499.946

233.54

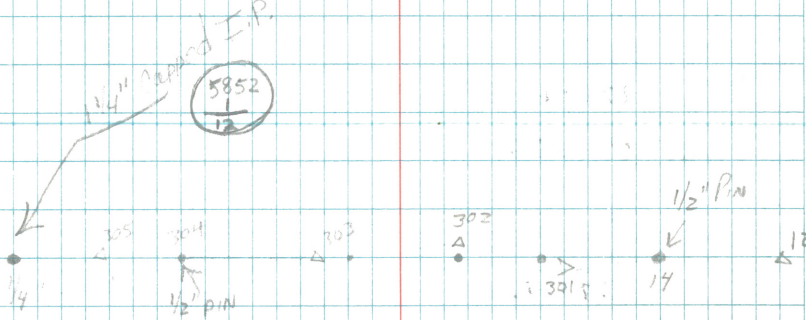
196.771

371.529

433.804

183,181

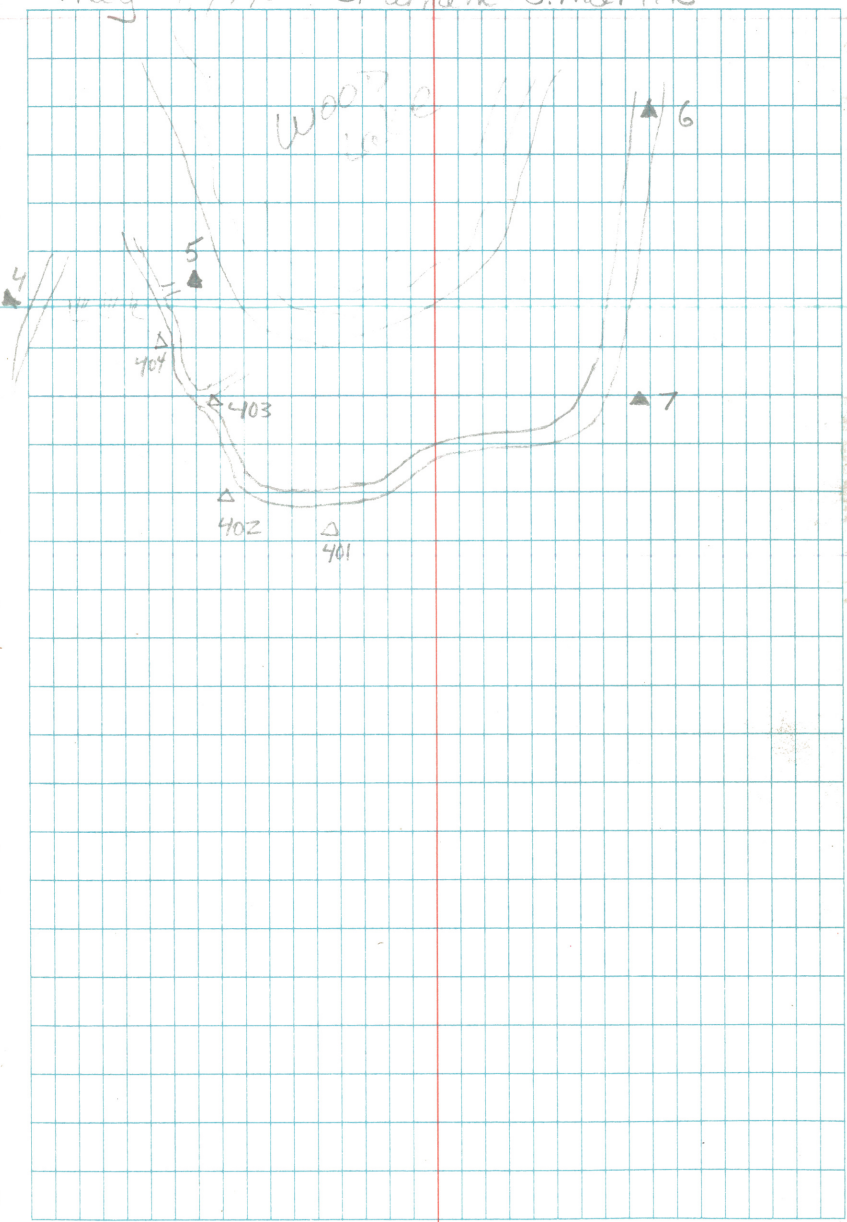
214.523



π@7	BS6				
00-00-18				594.09	
180-00-17	249-35-06		89-53-20	181.089	594.087
249-35-18				1491.25	
401) 69-35-24	249-35-07		89-31-28	454.537	1491.199
π@401	BS7				
00-00-25					
180-00-46	226-26-54				
326-27-19					
402) 46-27-29	226-26-43				
π@402	BS401				
00-00-17				301.41	
180-00-23	243-17-08		88-07-40	91.869	301.247
243-17-25				445.06	
403) 63-17-35	243-17-12		90-28-35	135.656	445.046
π@403	BS402				
00-00-16					
180-00-28	152-15-10				
152-15-26					
404) 332-15-32	152-15-02				
π@404	BS403				
00-00-30				435.59	
180-00-40	224-41-03		88-51-35	132.767	435.501
5) 224-41-33				246.53	
~~5~~) 44-41-43	224-41-03		91-33-55	75.140	246.278
π@5	BS4				
00-00-24					
180-00-31	269-19-26				
269-19-50					
404) 89-19-50	269-19-19				

90° Clear

May 14, 1990 D. Farnam - G. Martin



594.087
1491.199

301.247
445.046

435.501
246.278

Jeff Sell

PC 219 BS 220
00-00-26
180-00-25
174-52-27
174-52-53
501) 354-52-52 174-52-27

PC 501 BS 219
00-00-24
00-00-23
180-58-15 89-44-12 259.48 79.089 259-473
180-58-39
502) 00-58-48 180-58-25 91-09-58 251.62 76.688 251,557

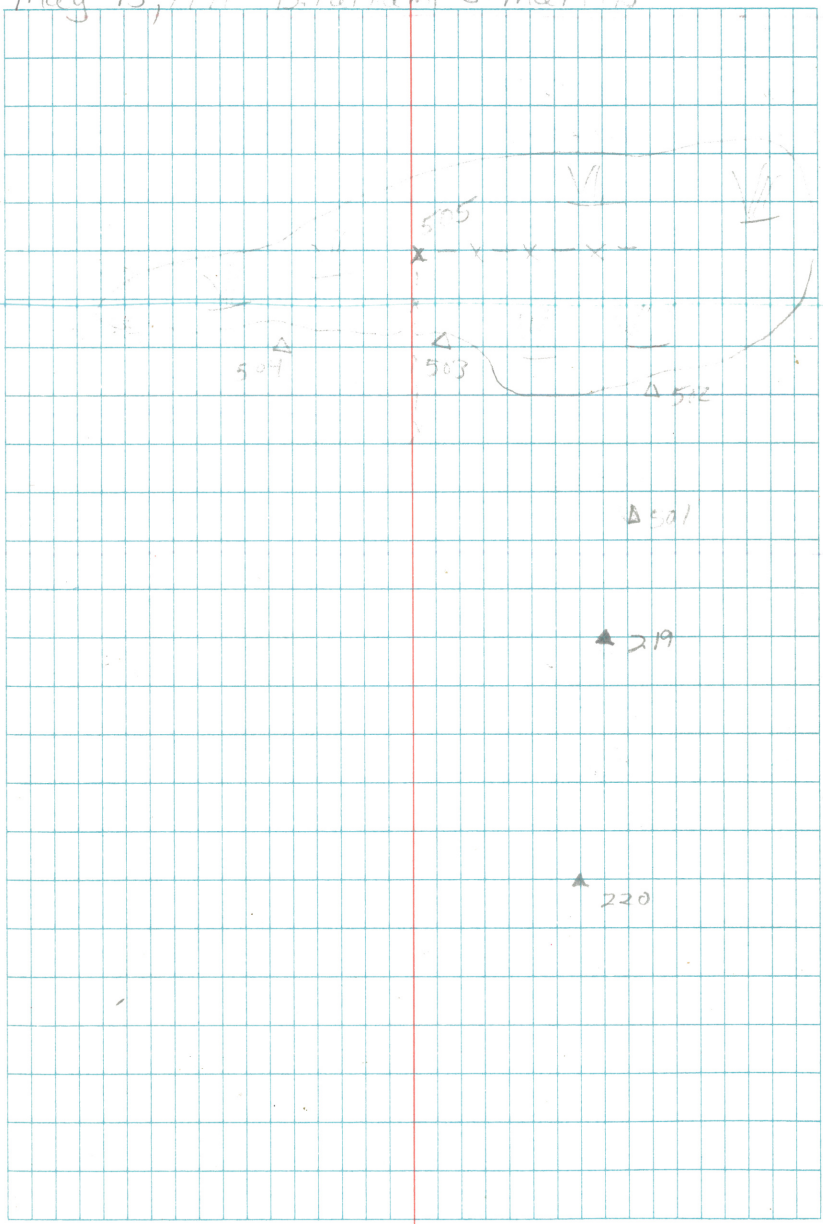
PC 502 BS 501
00-00-20
00-00-19
125-19-36
125-19-56
503) 125-19-59 125-19-40

PC 503 BS 502
00-00-20
00-00-29
147-29-41 89-24-39 299.18 91.189 299.161
147-29-01
504) 327-29-05 147-28-36 90.21-39 114.45 34.885 114.448
190-22-37 190-22-17
505) 10-22-36 190-22-07

PC 504 ~~504~~ BS 503
00-00-34
~~180-00-36~~ 327-45-00
327-45-34
505) 147-45-35 327-44-59

80° overcast - Humid

May 15, 1991 D. Farrier - G Martin



259-473

251,557

299,161

114,448

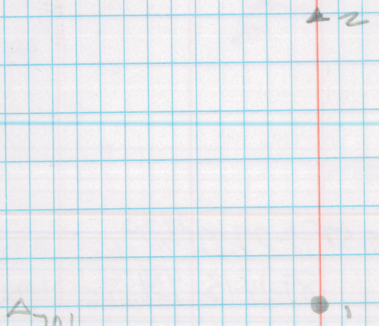
Jeff Sell

00-00-25	BSZ			
00-00-26	276-45-17			
00-00-42	276-45-19	96.09	159.27	423.608
701)96-45-45				

80°-Overcast-Humid-Mosquitoes!!! 32

May 15, 1991 D. Farnan G. Martin

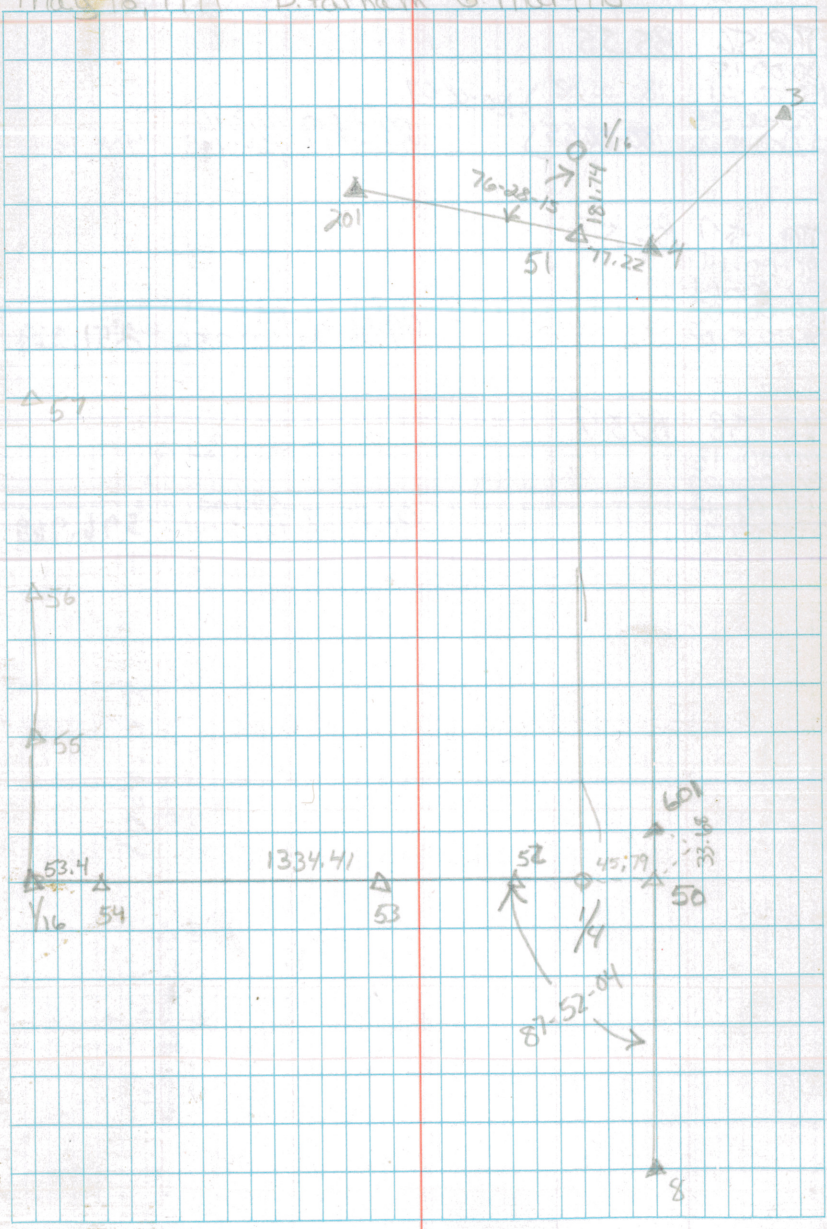
23.608



Jeff Sell

π@51	BS 201				
1/16) 76-28-15					181.74
π@50	BS 4				
1/4) 87-52-04					45.79
52) 87-52-04					
π@52	BS 50				
00-00-11					
180-00-19	179-59-56	179-59-57	92-27-12	243.31 74.160	243.084
180-00-07				494.06	
53) 00-00-17	179-59-58		89-14-13	150.585	494.007
π@53	BS 52				
00-00-25					
180-00-25	179-59-37	179-59-38			
180-00-02				589.89	
54) 00-00-04	179-59-39		91-09-12	179.800	589.770
π@54	BS 53				
1/16) 180-00					53.4
π@1/16	BS 53				
55) 270-37-27			90-23-23	239.63 73.059	239.623
π@55	BS 1/16				
00-00-19					
180-00-19	180-00-00	180-00-00		284.10	
180-00-19	~~180-00-00~~			~~84.10~~	
56) ~~00-00-20~~	~~180-00-01~~		90-29-05	86.593	284.089
	180-00-01				

May 16 1991 D. Farnam - G. Martin

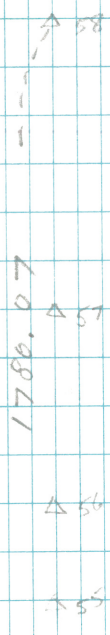


Jeff Bell

IE 56	RE 51				
80-00-15					
180-00-11	80-00-07	} 160-00-18			
180-00-33	80-00-05	}	89-54-19		
5D00-00-33					
IE 51	RE 56				
00-00-14					
KU 00-00-11					
180-00-08					251,229
5D00-00-08					
IE 56	RE 51				
00-00-13					
180-00-22					
180-00-12					596.968
5D00-00-21					

251.229

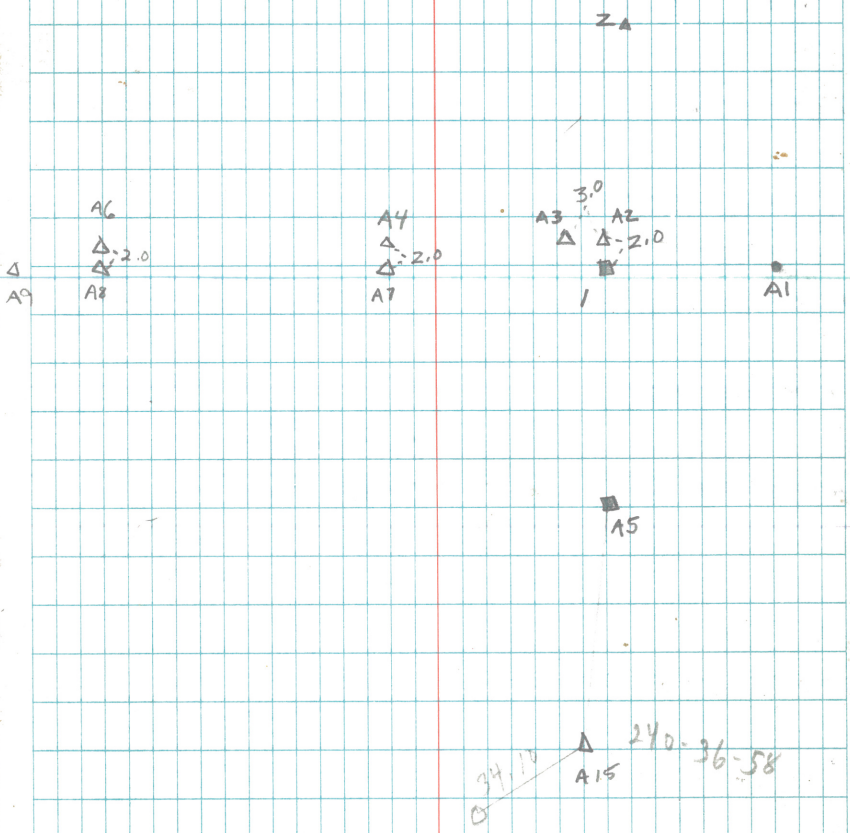
596.968



Jeff Sell

⊼@1	BS 2				
00-00-14					
180-00-15	95-11-46	95-11-46			
95-12-00					
A1) 275-12-01	95-11-46		93-24-00	98.90 ft.	98.726
⊼@A2	BS 2				
00-00-39					
180-00 43	274-25-02	274-25-06	90-33-11	326.63 / 99.554	326.609
274-25-41					
A4) 94-25-53	274-25-10		90-02-40	232.31 / 70.809	232.310
⊼@A3	BS A4				
00-00-40					
180-00-50	261-35-42	261-35-39	90-07-01	229.35 / 69.902	229.342
261-36-22					
A5) 81-36-26	26-35-36		88-16-39	151.25 / 46.101	151.181
⊼@A4	BS A3				
00-00-25					
180-00-22	179-59-56	179-59-58			
180-00-21					
A6) 00-00-22	180-00-00				
⊼@A8	BS A7				
00-00-39					
180-00-47	180-00-13	180-00-11	88-07-56	187.37 / 57.109	187.267
180-00-52					
A9) ~~180~~-00 55	180-00-08		107-20-17	116.51 / 35.513	111.217
⊼@A9	BS A8				
00-00-13	179-59-47				
180-00-22	~~180-00-13~~	179-59-43			
180-00-00					
A10) ~~180~~-00-01	179-59-39		90-28-17	217.29 / 66.231	217.283

June 6, 1991 D. Fortnum - G. Martin



π@	AS	BS	A3	Vert	Dist	
	00-00-26					
	180-00-32		185-55-09			
	185-55-35		05			
A15)	05-55-37	185-	55	94-03-40	134.87 411.109	134.532

98.726

326.609

232.310

229.342

151.181

187.267

111.217

217.283

June

TC A10 BS A9
00-00-14
80-00-20
180-00-00
A11) 00-00-05

86-40-00 245.79 74.917 245.373

TC A11 BS A10
00-00-25
180-00-36
180-00-23
A12) 00-00-32

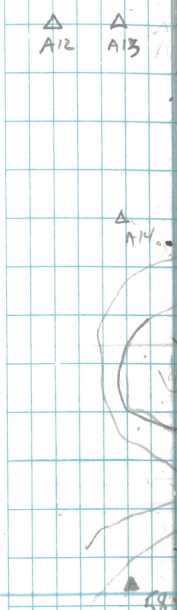
87-29-05 395.68 120.604 395.298

TC A13 BS A11

91-13-46 341.15 103.981

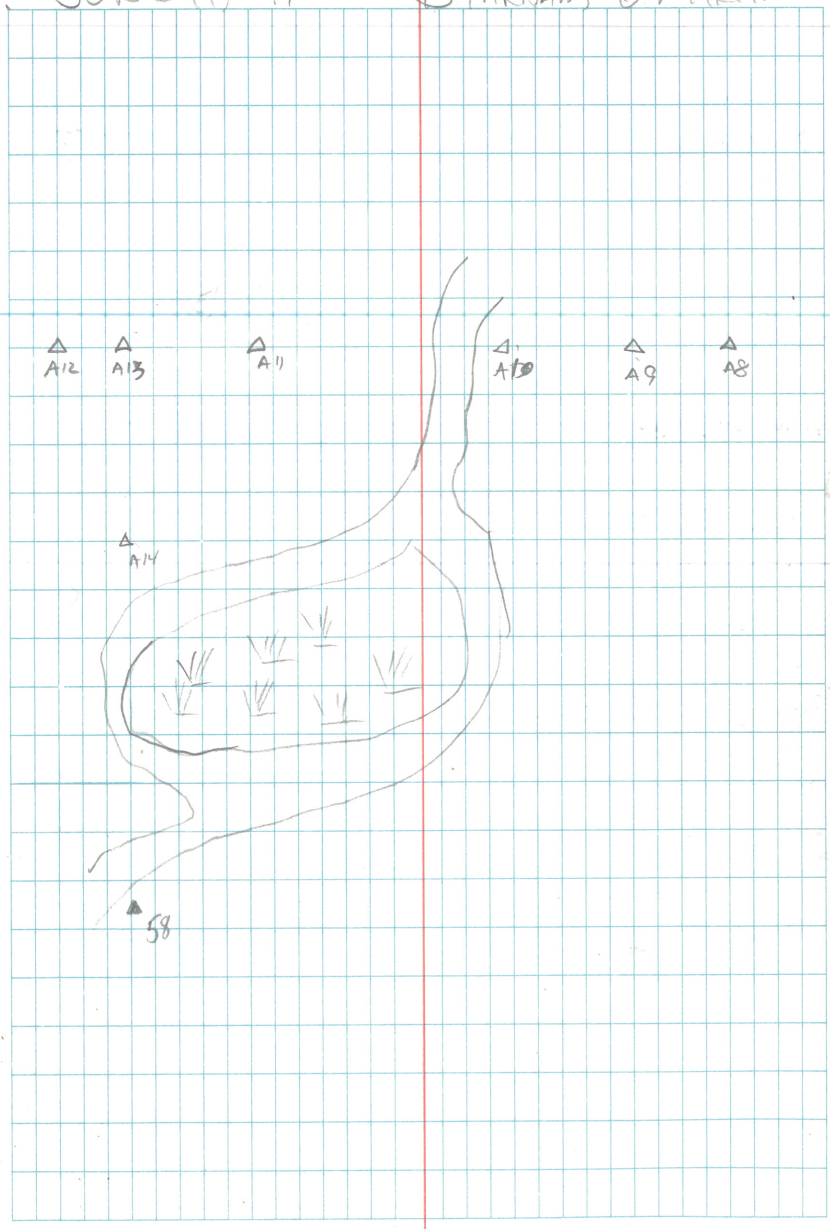
A14) 90-47-47

92-44-16 378.00 121.309



79° HUMID & WARM

JUNE 11, '91 D FARNAM, G MARTIN



Richard Dean

Ties For NE Sec Cor

7" Burr Oak 18.77

8" " " 13.30

TP 1/16 BS So. Line

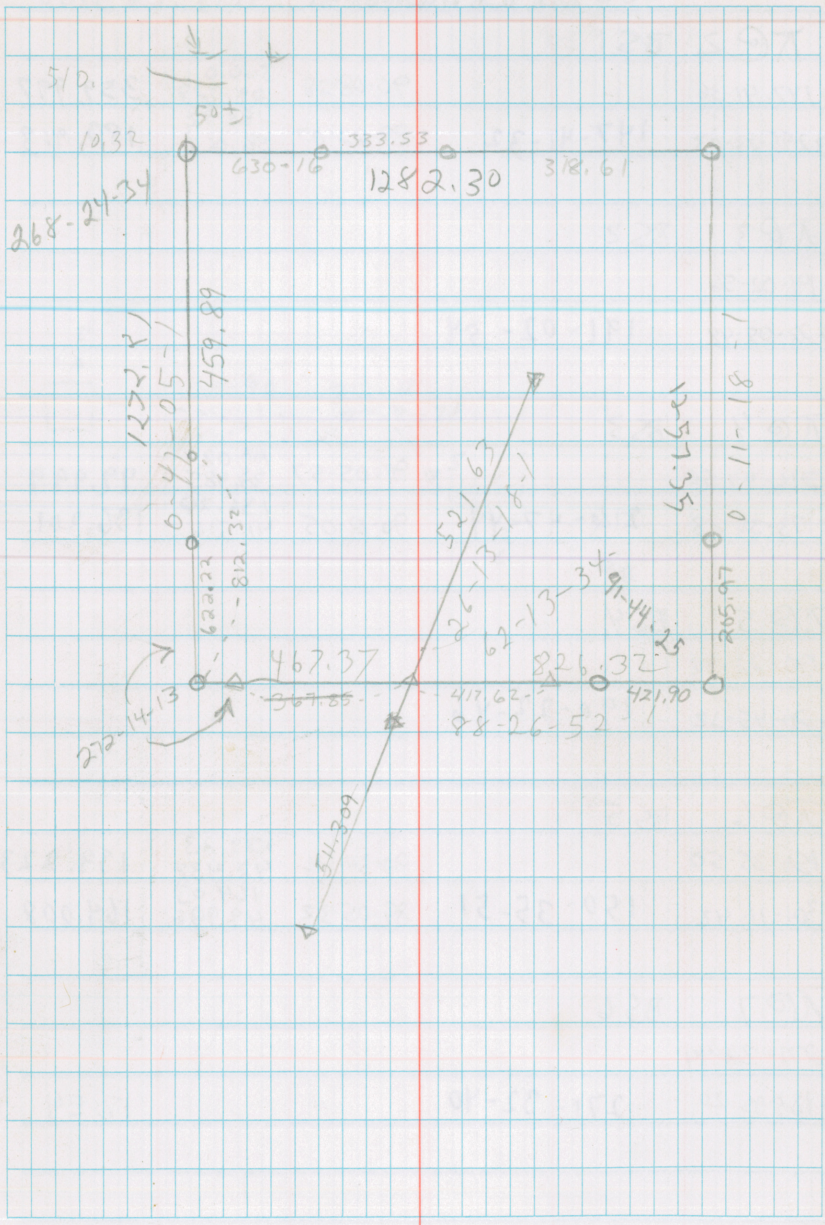
91-44-04

NE Sec) 183-27-28 90-28-27 1257.75 383.362 1257.70

Ties For N 1/16

4" Norway 13.8"

8" Norway 15' 9 1/2"


S.P.
10.32
50 ft
630-16
383.53
1282.30
378.61
268-24-34
1272.21
0-47-05
459.89
812.32
622.22
521.63
26-13-18
467.37
367.85
417.62
826.32
62-13-34
91-44-25
1257.35
0-11-18
46.502
421.90
88-26-52
272-14-13
544.309

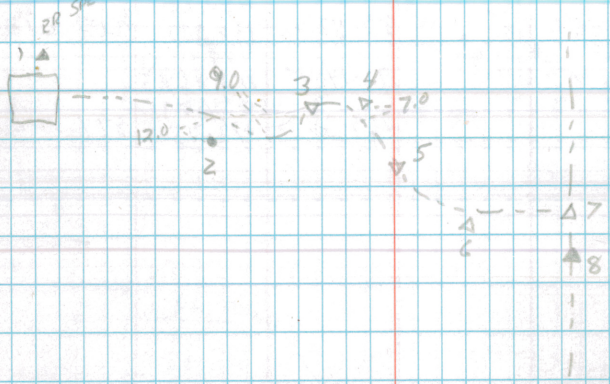
Lee Palmentier

June

T@2	BS1			
147-41-36		90-08-28	360.0 109,728	359,997
3295-23-03	147-41-32	89-22-07	183.92 56,062	183,913
T@3	BS2			
191-02-56				
422-05-48	191-02-54			
T@4	BS3			
216-47-50		91-05-57	100.02 30,485	99.999
5 73-35-28	216-47-44	90-18-05	136.20 41.516	136,201
T@5	BS4			
190-22-42				
6 20-45-32	190-22-46			
T@6	BS5			
150-35-50		90-34-46	139.23 42.438	139,223
7 301-11-42	150-35-51	89-05-32	164.03 49.996	164.008
T@7	BS6			
271-32-44				
8 183-05-20	271-32-40			17.54

June 25, 1991 D. Farnam - B. Curo

997
913
999
201
9.223
1.008
54



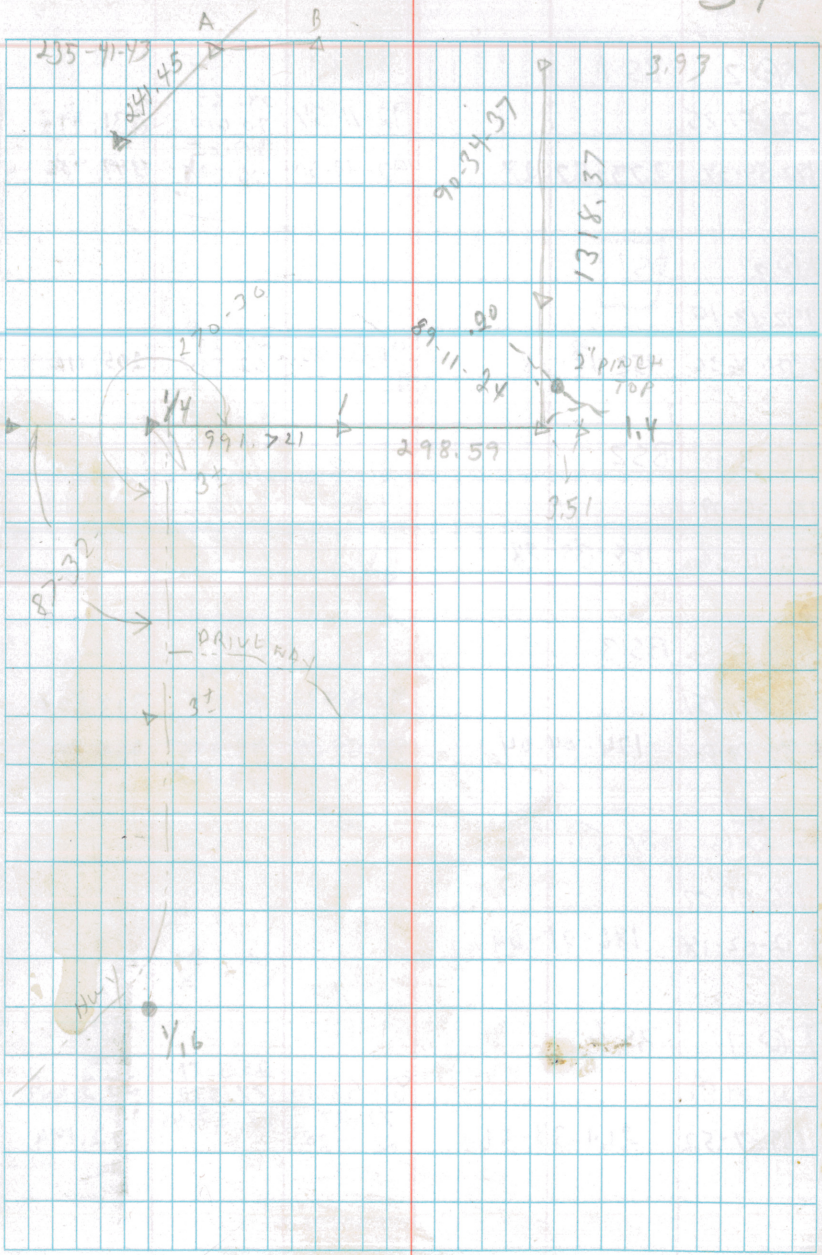
J. SELL

TO 1/4 BS 5 1/16

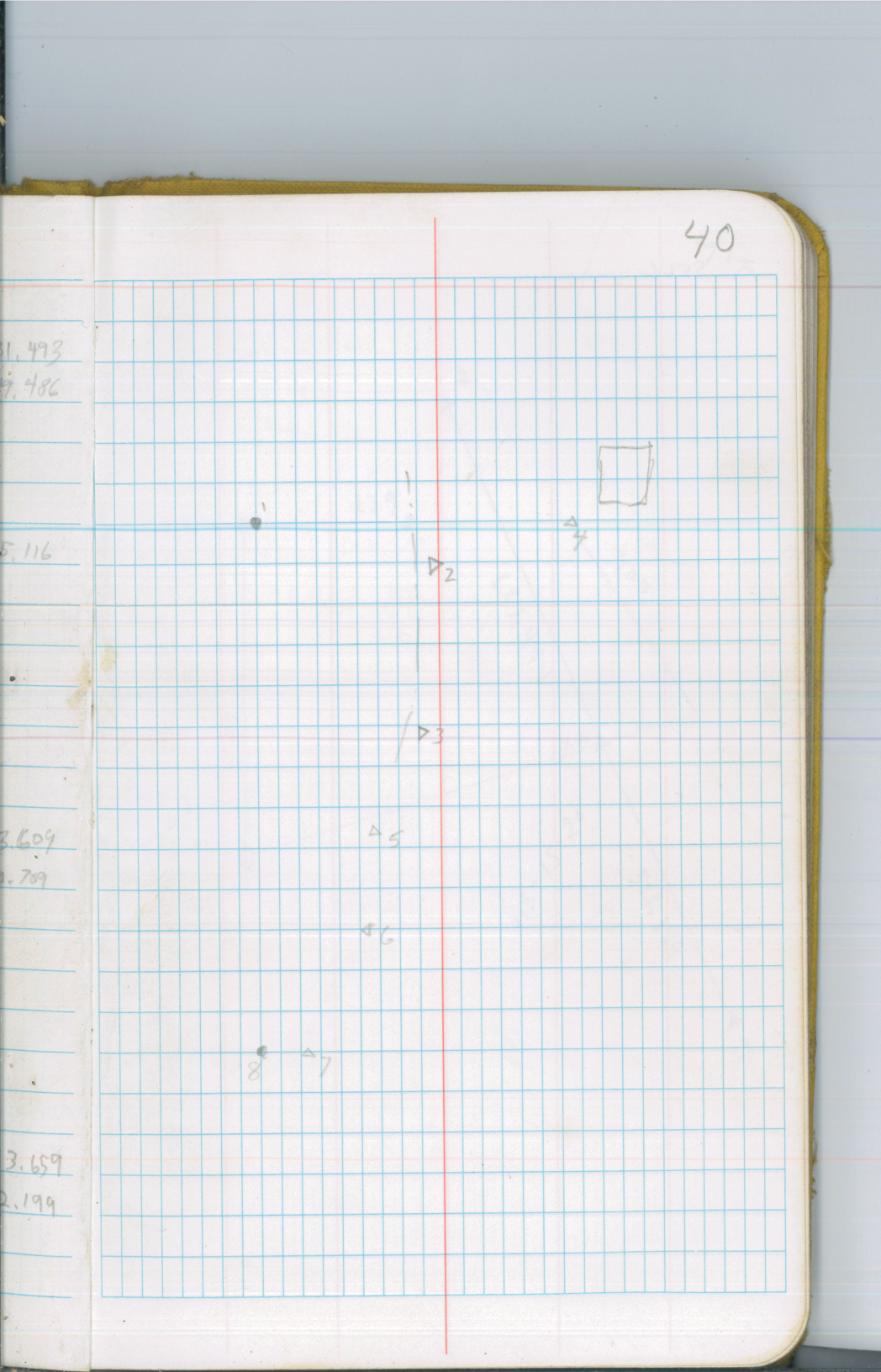
1		89-48-24	991.73 302.280	991.721
		93-04-42	150.184 45.793	150.022
		269-19-04	152.09 46.356	152.077
TO 5		89-52-42	427.60 130.373	427.598
		92-14-48	425.11 147.824	
		269-35-30	894.73 272.715	894.706

TO A

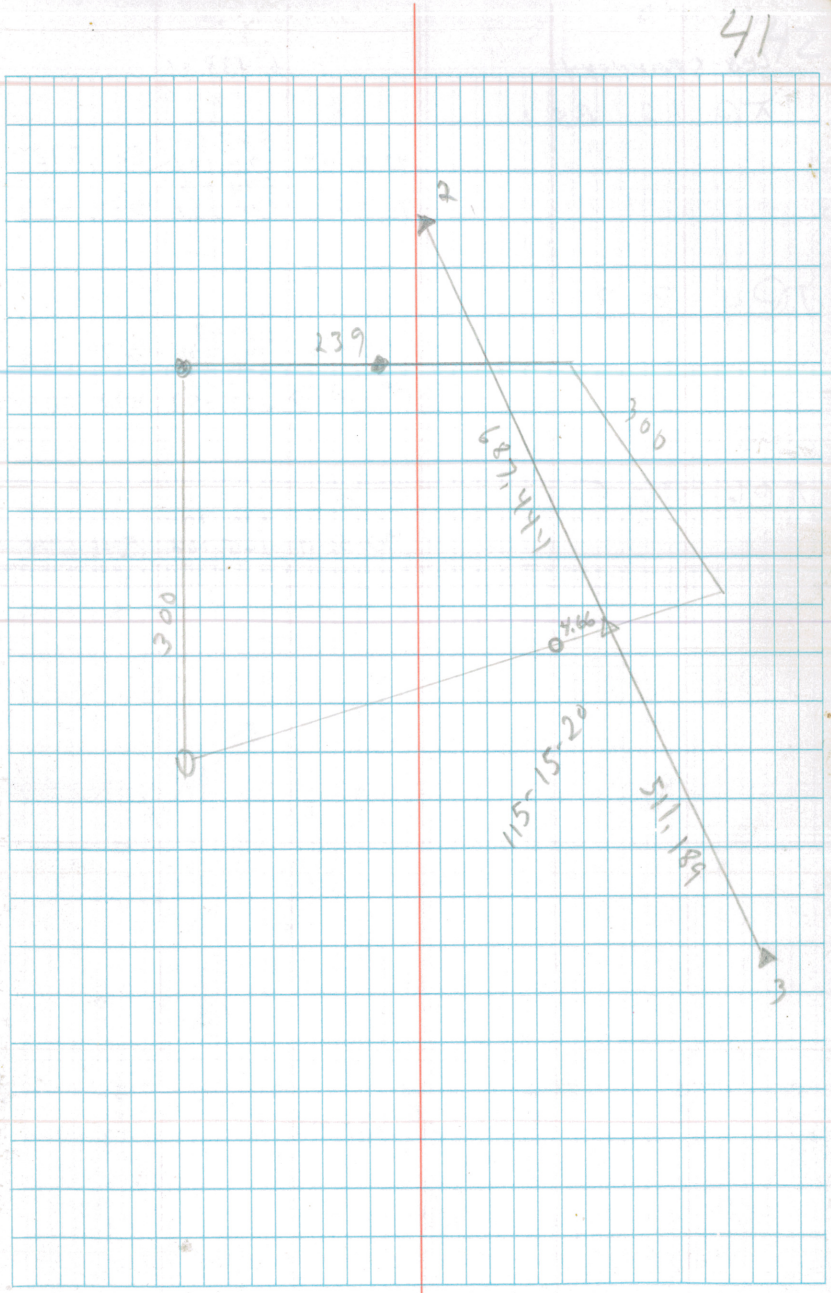
B 235-41-13		84-07-24	115.60 35.235	114.992


A
B
235-41-13
344.45
3.93
90-34-37
1318.37
270-30
89-11-20
2"PINCH TOP
1/4
991.21
298.59
1.4
3.51
87-32
DRIVE RD
1/16

	T@2	BS1				
	273-57-25			92-11-54	231.67 70.610	231,493
3	187-54-54	273-57-27		92-29-50	349.82 106.625	349,486
	T@2	BS1				
	152-18-16					
4	304-36-36	152-18-18		91-53-45	205.23 62.554	205,116
	T@3	BS2				
	188-36-09					
5	17-11-56	188-35-58				
	T@5	BS3				
	174-04-151			92-47-22	323.99 98.755	323,609
6	348-08-08	174-04-04		89-59-09	400.71 98.755 122.137	400,789
	T@6	BS5				
	186-01-07					
7	12-02-18	186-01-09				
B	T@7	BS6				
	264-34-09			88-53-16	253.71 77.030	253,659
8	169-7-52	264-33-56		72.27 22.028	87-27-46	72,199


1
2
3
4
5
6
7
8

5. SELL


2
239
300
687, 441
300
4.66
115-15-20
531, 189
3

LEO CEMENSKY

6-138.26

XQ 2 BS 1

90-01-24	587.60 179.101	587,598
91-30	574.87 175.221	574,672

ΠQ4 BS 3

91-51-35	629.49 191.670	629,158
89-48-50	872.21 265.252	872,206

ΠQ6 BS 5

90-02-14	541.70 165.108	541,694

C. CURO
D. FARADAY

7-2-91

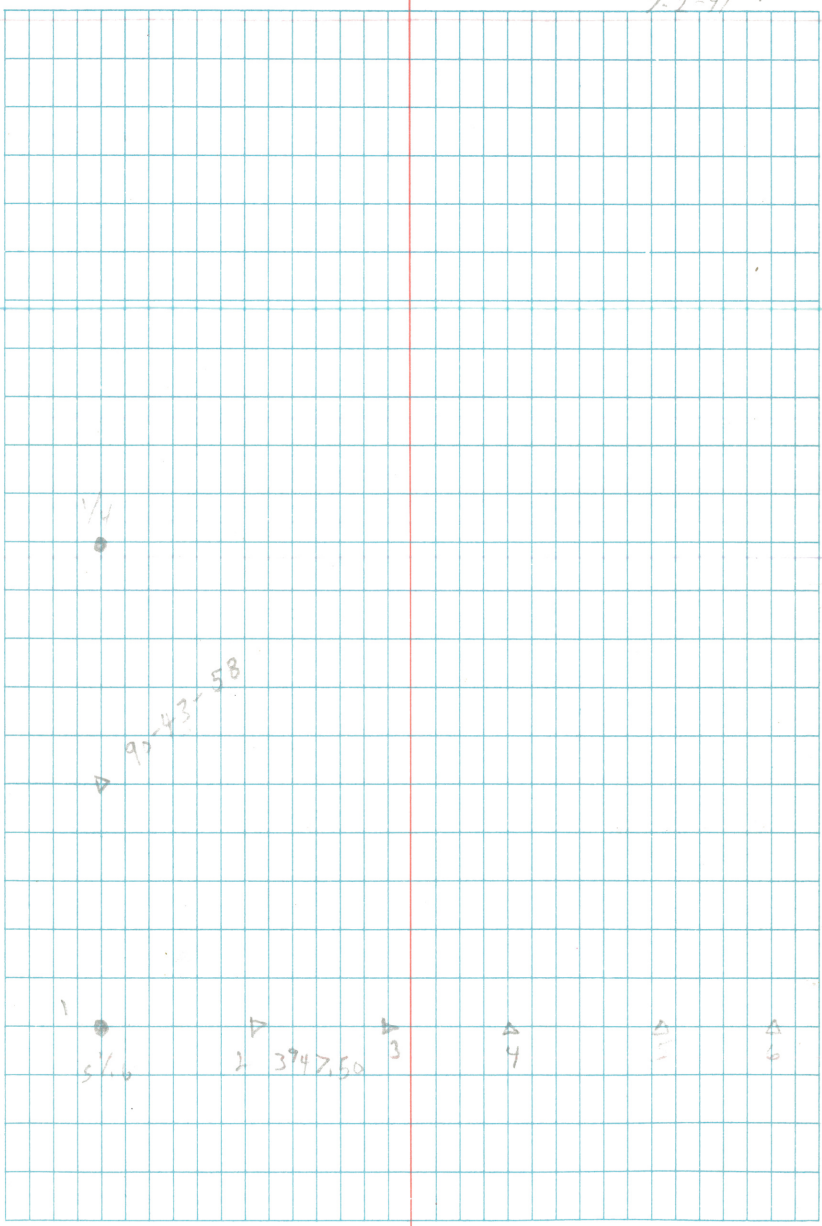
587.592

574.372

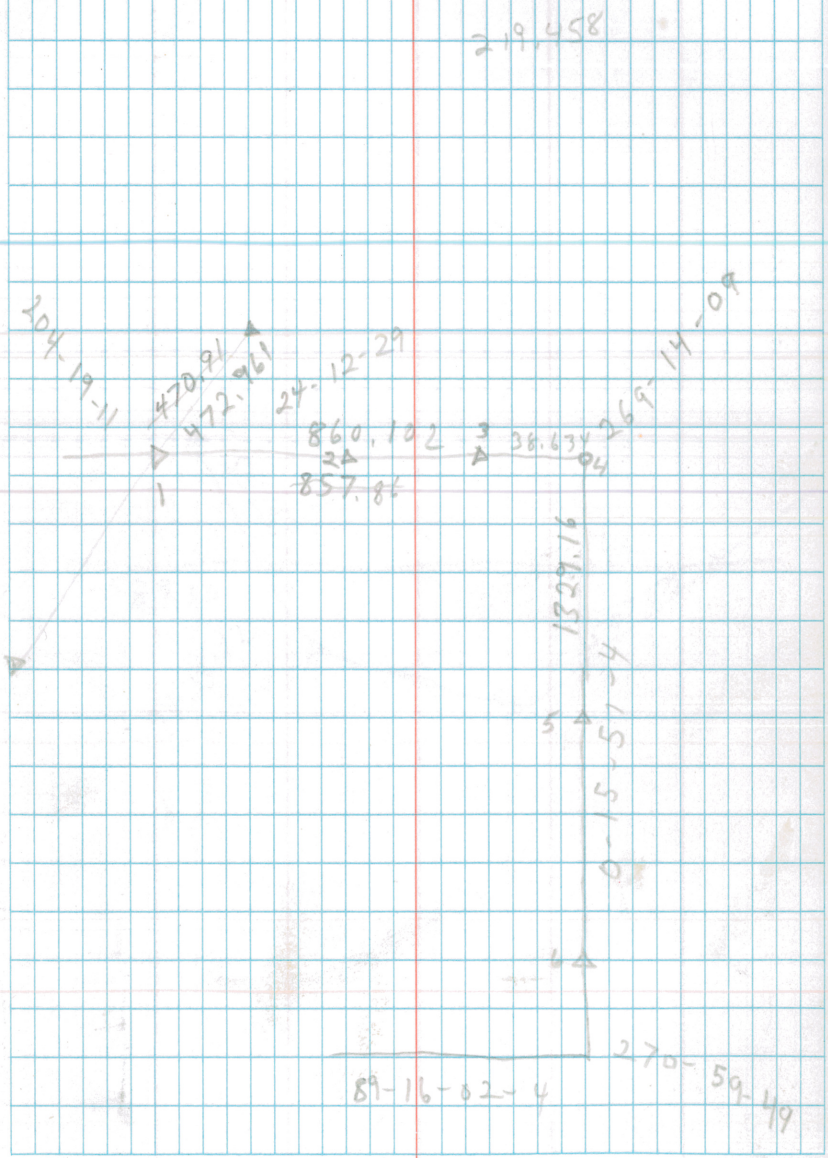
629.28

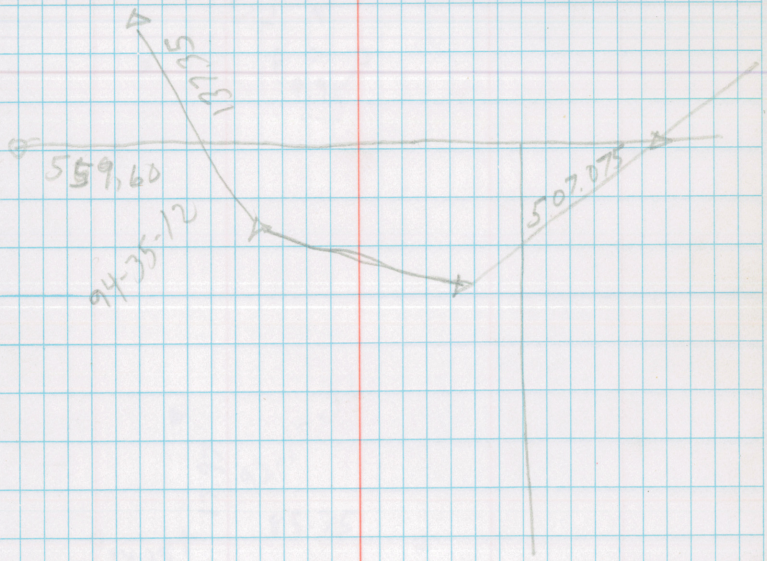
872.288

541.694



A@	BS			
00-00-08				
180-00-06	249-41-48			
249-41-56				
69-41-54	249-41-48	91-48-59	476.32 145.183	476.08
	A @ 2	BS1		
			567.94	
		92-01-52	173.107	567.579
			253.91	
		90-34-03	77.387	253.889
A@5	BS4			
			603.55	
		90-05-05	183.960	603.543
			506.22	
		89-08-49	154.294	506.159


219.458
860.102
38.634
857.86
1329.16
89-16-02-4
270-59-49


559.60
94-35-12
507.075

ZIEFLER

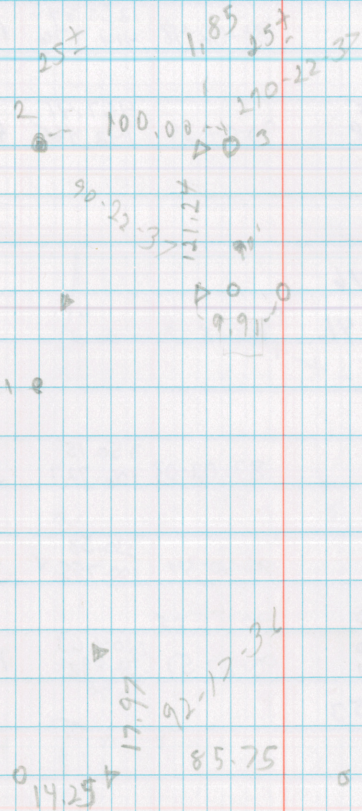
AC 2 BS 1

60-00-15

180-00-16 269-37-20

269-37-35

3 89-37-41 269-37-25



25±
1,85
25±
210-22-37
2
100,00
3
90-22-3
121.27
9.91
1
17.97
92-17-36
85.75
14.25

MAPLE LAND FILL

T@2 BS3

0-0-20			735.24	
180-0-22	213-48-30	90-06-24	224.104	735.24
213-48-50			517.15	
1 33-48-47	213-48-25	89-45-55	157.619	517.113

T@3 BS5

00-00-15			1360.84	
180-00-10	35-31-32	89-02-48	414.776	1360.633
35-31-47				
2 215-31-43	35-31-33			
349-10-10	349-09-55		467.41	
4 169-09-58	349-09-48	90-04-34	142.465	467.405

T@5 BS3

00-00-27				
180-00-40	111-19-46			
111-20-13				
6 291-20-26	111-19-46			

T@6 BS5

00-00-18			350.15	
180-00-27	52-14-08	87-02-03	106.727	349.682
8 52-14-26				10.37
68-25-01	68-24-43		330.58	
9 248-25-02	68-24-35	89-40-34	100.755	330.564
132-38-56	132-38-38			
7 312-38-55	132-38-28	90-25-25		
143-37-08	143-36-50		104.63	
10 323-36-58	143-36-31	93-27-57	31.892	104.44
11 229-14-11	229-13-53			15.92

735.24

517.113

1360.633

467.405

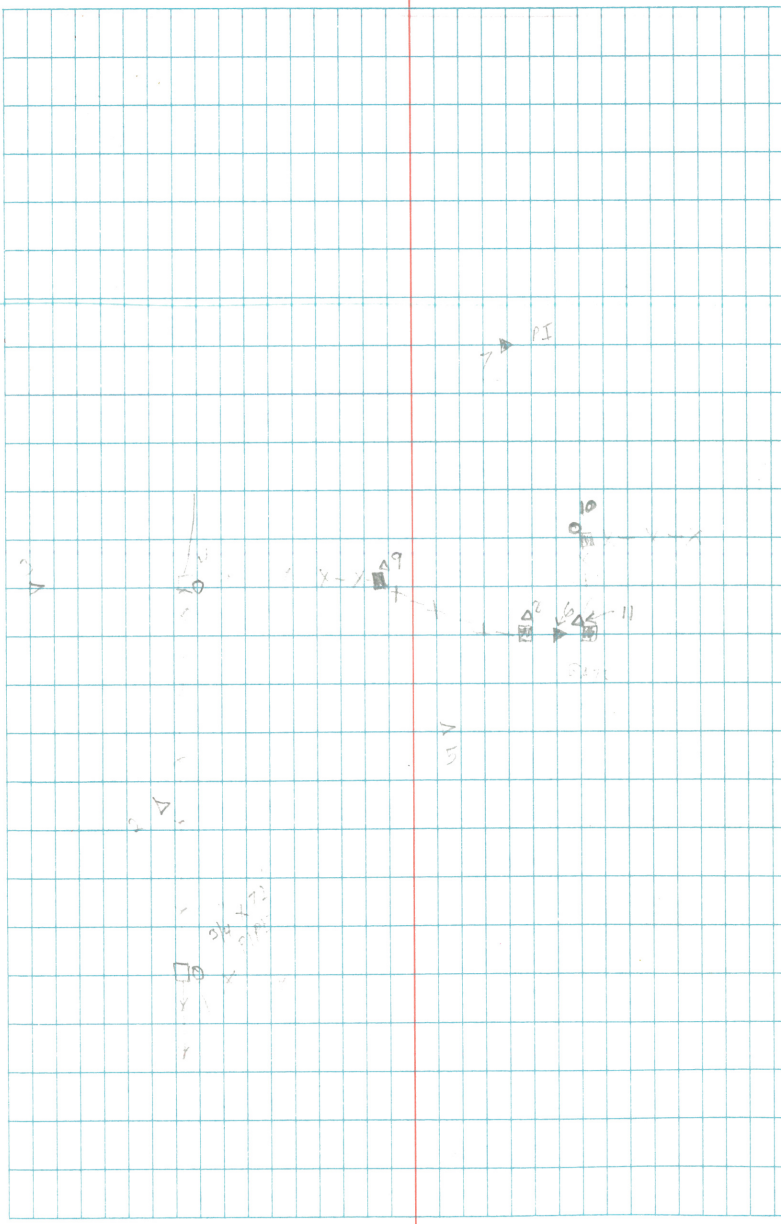
349.682

10.37

330.564

104.44

15.92



MAPLE

TP2	BS1				
			89-59-53		
3			90-00-54	850.12 259.118	850.112
	B.S.				
BM #1	2.41			1276.43	BRASS CAP
		1278.84			
TP	6.18		7.66	1271.18	
		1277.36			
TP	3.36		9.47	1267.89	
		1271.25			
TP	4.16		7.17	1264.08	
		1268.24			
TP	4.13		7.11	1261.13	
		1265.26			
TP	3.81		6.06	1259.20	
		1263.01			
TP	5.72		5.72	1257.89	
		1263.61			
TP	4.41		3.26	1260.35	
		1264.76			
BM	3.55		6.20	1258.56	USGS BM
		1262.11			
TP	5.48		5.40	1256.71	
		1262.19			

50.112

CASS
AF

USGS BM

MAPLE

	BS	HI	FS	
TP	7.60		5.08	1257.11
		1264.71		
TP	4.64		2.93	1261.78
		1266.42		
TP	5.19		5.10	1261.32
		1266.51		
TP	5.62		7.51	1259.00
		1264.62		
TP	6.41		6.35	1258.27
		1264.68		
Bm # 3	6.67		4.03	1260.65
		1267.34		
			2.95	1264.73
TP	5.51		0.89	1266.45
		1271.96 ~~1272.03~~		
TP	11.84		0.95	1271.01 ~~1271.08~~
		1282.85 ~~1282.92~~		
TP	14.29		11.26	1271.19 ~~1271.26~~
		1285.48 ~~1285.54~~		
TP	10.51		2.06	1283.42 ~~1283.53~~
		1293.93 ~~1294.04~~		
TP	3.24		7.87	1286.06 ~~1286.17~~
		1289.30 ~~1289.41~~		
Bm # 1			12.89	1276.41 ~~1276.52~~

	A @ 3	BS 1			
	180-00-35	30-39-13		1207.94 551.670	1809.875
3	30-39-12 210-21-47	30-39-12			1322.463
	A @ 2	BS 2			
		202-17-22			
4		202-17-27		1380.33 420.52	1379.982
	A @ 4				
	0-0-35 186-0-51	169-09-38			
5	169-10-13 349-10-29	169-09-38			
	A @	BS 4			
	0-0-19 180-0-30	151-49-03	90-07-32	1397.04 425.818	1397.03
6	151-49-22 331-49-30	151-49-00	89-39-11	2953.39 900.198	2953.331
7	180-17-37 0-17-58	180-17-18 180-17-28	90-01-57	1245.71 379.690	1245.70
	A @ 7	BS 5			
	00-00-18 180-00-18	176-05-51			
8	176-05-09 356-05-37	176-05-14			24.22
	T A	to BS 5			
	5-0-13 180-0-32	179-05-17			
9	179-05-35 359-05-11	179-05-09			

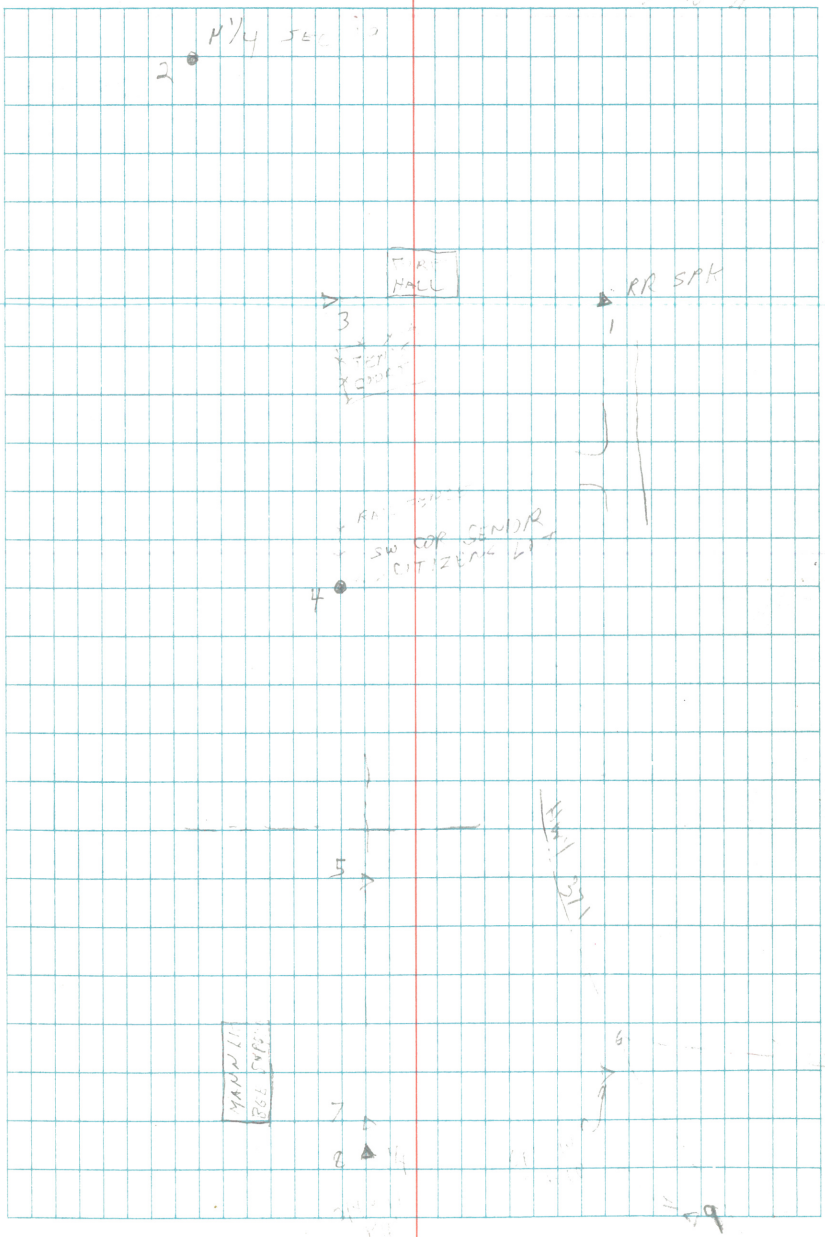
D. FARNUM 49

809.875
322.463

379.982

397.031
953.331
245.70

24.22

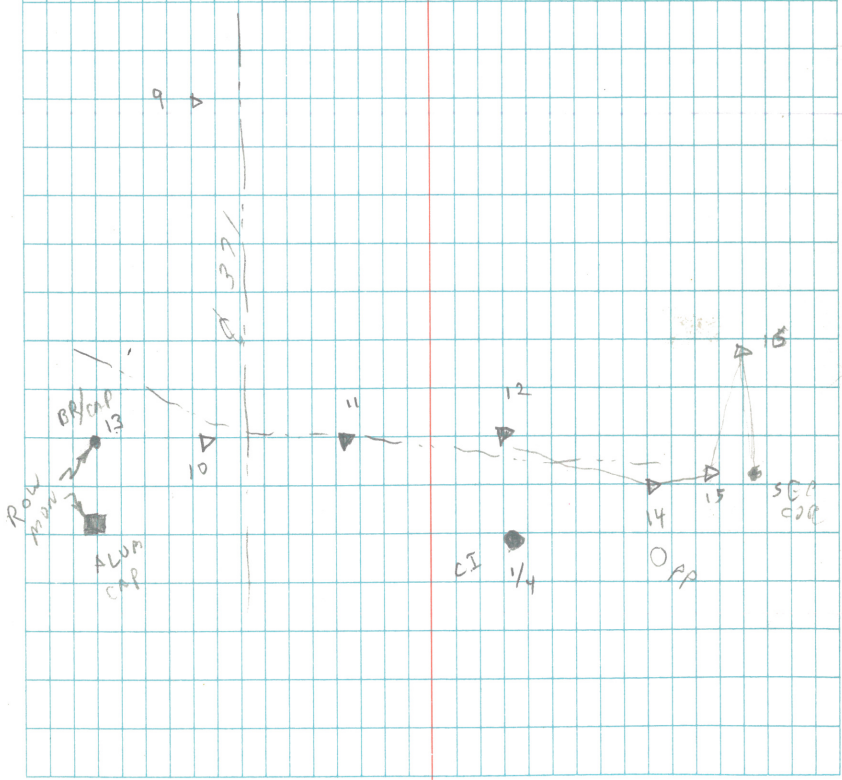


	T@9	BS6				
	00-00-40 180-01-06	180-11-34		90-16-01	1350.04 411.492	1350.019
10	180-12-14 00-12-35	180-11-29		90-23-08	3098.47 944.418	3098,393
	T @	10 BS 9				
	0-0-25 180-0-33	116-24-33				
11	116-24-58 296-25-00	116-24-27				
	T@11	BS 10				
	00-00-27 180-00-24	179-33-03		92-34-35	493.41 150.392	492.91
12	179-33-30 359-33-34	179-33-10		90-30-16	1146.64 349,497	1146,592
13	356-29-37 176-29-38	356-29-00 356-29-14		92-22-32	530.19 161.603	529,739
	T	@ 12 BS 10				
	0-0-28 180-0-25	186-10-09				
14	186-10-37 6-10-37	186-10-12				
	T@14	BS 12				
	00-00-26 180-00-24	179-39-24		90-03-35	1871.50 570.435	1871,494
15	179-39-50 359-39-56	179-39-32		91-39-59	546.73 166.643	546,496
	T@15	BS 14				
	~~00-00-21~~ ~~180-00-13~~	~~00-00-16~~ ~~180-00-37~~	00-00-06 180-00-20	130-56-59		
16	~~130-57-07~~ ~~310-57-20~~	130-57-21 310-57-18	130-57-05 310-57-20	130-57-00		

1350.019
3098.393

492.91
1146.592
529.739

1871.494
546.496



JAMES [illegible]

T 2:

55-172-28

1	266-54-48	263.31 80.255	262.292
2	267-33-12	338.74 107.262	338.454
3	267-27-39	440.00 [illegible]25	439.73

C. CURD
D. FARNUM

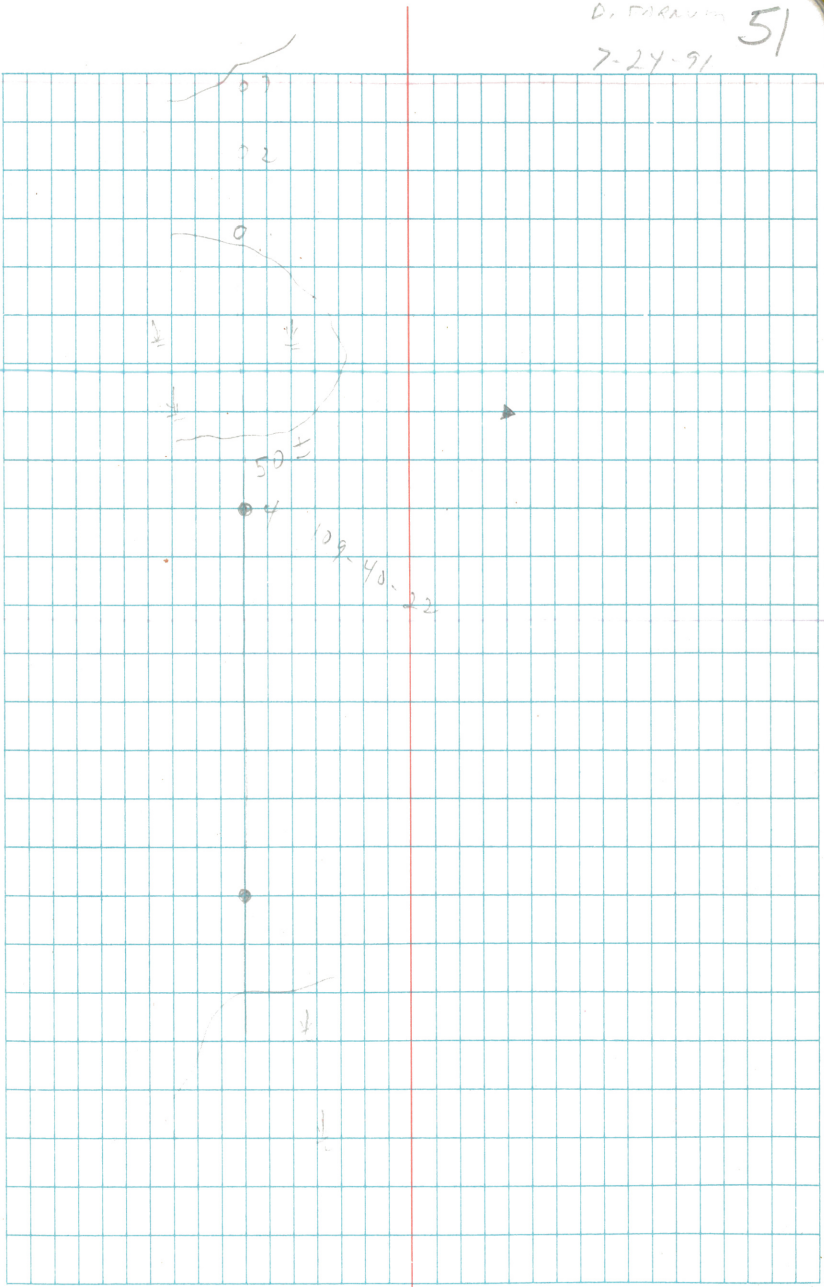
7-24-91

.8

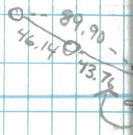
62.292

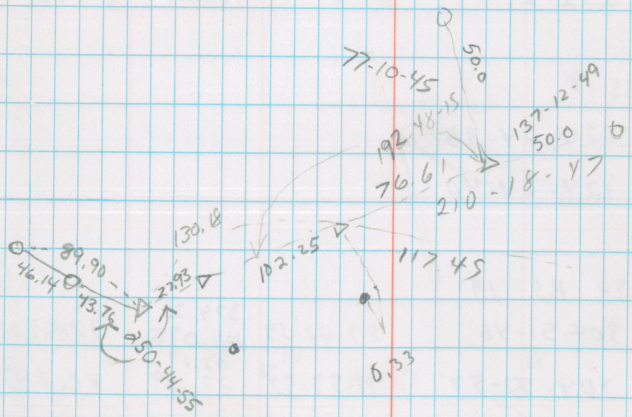
38.454

39.73



SODERBER




77-10-45
50.0
192
48.25
137-12-49
50.0
76.61
210-18-47
130.48
102.25
117.45
89.90
46.14
43.76
250-44.55
6.33

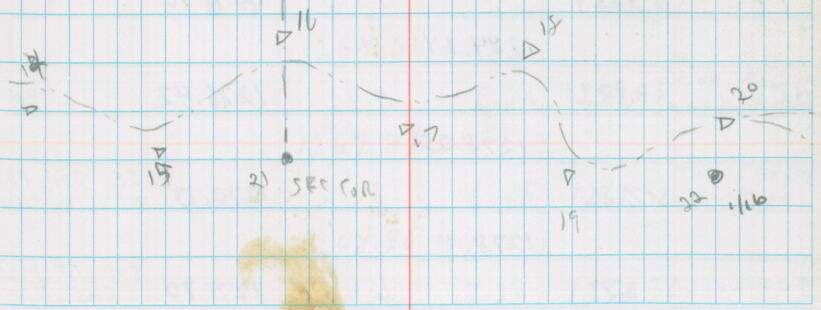
JACK AMMODT

A @ 16	BS 15			
00-00-39			332.75	
180-00-49	235-10-41	88-02-11	101.410	332,533
235-11-20			446.71	
17 55-11-26	235-10-37	91-44-29	136.156	446,50
21 315-25-58	315-25-19		261.56	
135-26-08	315-25-19	85-45-26	79.729	260.851
A @ 17	BS 16			
00-00-24				
180-00-28	162-35-25			
162-35-49				
18 342-35-43	162-35-14			
A @ 18	BS 17			
00-00-32			346.02	
180-00-31	232-29-44	90-25-00	105.469	346,013
232-30-16			305.89	
19 52-30-10	232-29-39	89-34-04	93.235	305.88
A @ 19	BS 18			
0-0-16				
180-0-18	124-24-36			
124-24-52				
20 304-24-58	124-24-40			
A @ 20	BS 19			
0-0-23			374.33	
180-0-24	304-51-46	89-22-59	114.095	374.305
304-52-09			89.17	
22 124-52-21	304-51-57	94-59-57	27.189	88.847

533
50
851

013
88

305
847



75° CLR.

MAPLE LANDFILL

BM # 1	8.53			1276.43	
		1284.96			
TP	10.81		4.37	1280.59	
		1291.40			
TP	1.73		1.62	1289.78	
		1291.51			
TP	1.25		11.87	1279.64	
		1280.89			
BM # 2	3.22		9.65	1271.24	ALUM CAP S.W. CORNER
		1274.46			
	5.08		5.10	1269.36	WELL No. 1 SE COR PAD
		1274.44			
BM # 2	10.97		3.20	1271.24	
		1282.21			
TP	10.31		0.64	1281.57	
		1291.88			
TP	7.32		10.58	1281.30	
		1288.62			
TP	3.38		7.16	1281.46	
		1284.84			
BM # 1	1.82		8.42	1276.42	
		1278.25			
	7.95		8.12	1270.13	SE COR PAD WELL # 1 BACK
		1278.11			
TOP WELL	6.75		6.41	1271.70	TOP OF PLASTIC CAP 2"
		1278.45			

BM # 1

TP

TP

#13 WELL

WELL # 13

TP

#5 WELL

WELL #5

TP

WELL

WELL

TP

75° CLR. - WINDY

E. CURD
D. FARNUM
7-30-91

	6.75				
		1288.41			
BM #1	11.98		2.02	1276.43	
		1280.45			
TP	1.51		9.47	1278.94	
		1272.59			
TP	5.23		13.09	1267.36	
		1272.75			
#13 WELL	8.64		8.48	1264.11	SE COR PAD WELL #13
		1267.00			
WELL #13	0.87		6.62	1266.13	TOP CAP/PL. 3.4 N FENCE
		1273.08			
TP	7.36		1.28	1265.72	
		1269.58			
#5 WELL	4.43		7.93	1265.15	SE COR PAD WELL #5
		1269.30			
WELL #5	1.84		2.12	1267.46	(NO CAP) TOP EARTH WELL #5
		1268.61			
TP	6.98		7.67	1261.63	
		1267.97			
WELL	8.02		8.66	1259.95	COR PAD SE WELL #14
		1268.56			
WELL	7.24		6.65	1261.32	TOP CAP/PL WELL #14
		1264.85			
TP	3.49		7.20	1261.36	

MABLE'

BM # 3			4.27	1260.64	
WELL	# 8				
TP	10.74		~~10.74~~	1271.19	NW COR SLAB WELL # 8
		1281.93			
			10.51	1271.42	NE COR
TP	11.02		10.63	1271.30	SE COR
		1282.32			
WELL # 8	9.04		9.22	1273.10	TOP CASING WELL # 8
		1282.14			
			10.95	1271.19	NW COR
BM # 1	1.77			1276.43	
		1278.20			
SHACK WELL	2.41		2.57	1275.63	TOP CASING SHACK WELL
		1278.04			
BM # 1			1.61	1276.43	

MAPLE

	⊼ @	3 BS 4			
	00-00-38				
	180-00-31	56-56-52	90-47-08	580.37	
	56-57-30			176.897	580.313
5	236-57-38	56-57-07	91-06-05	499.62	
	122-40-31	122-39-53		152.284	499.525
2	302-40-34	122-40-08	90-37-08	1035.45	
				315.605	1035.384
	⊼ @	2 BS 3			
	0-0-24				
	180-0-23	63-39-36			
	63-40-00				
	243-40-01	63-39-38			
9			90-12-10	1050.13	
				320.080	1050.119
	⊼ @ 7	BS 6			
	00-00-20				
	180-00-19	16-31-21			
	16-31-41				
8	196-31-45	16-31-31	91-17-01		
	⊼ @ 7	BS 6			
	00-00-19				
	180-00-24	337-35-45		111.94	
	337-36-04			34.120	111.913
10	157-36-05	337-35-41	90-26-10	207.35	
				63.199	207.341
	⊼ @	2 BS 3			
	00-00-14				
	180-00-15	62-27-46			
	62-28-00				
	242-28-03	62-27-48	89-54-49	1407.30	
				428.947	1407.295

580.313
499.525
1035.384

1050.119

111.913
207.341

1407.295

MAPLE

BM # 2	3.61			1271.24	ALUM/CAP W LINE
		1274.85			
63-07			4.61	1270.24	E NEW TRAIL N OF TREE
WELL #1	3.90		3.75	1271.10	FILE LINE
		1275.00			
BM # 2	2.70		3.76	1271.24	
		1273.94			
77-01	4.17		9.19	1264.75	FENCE COR.
77-02			6.97	1268.44	
BM	3.47			1261.78	TOP ROCK
		1265.25			
℄ Rd ℄ APPROACH			3.96	1261.29	63-06
HOUSE WELL	1.85		1.63	1263.62	TOP CASING
		1265.47			
			3.69	1261.78	TOP ROCK

HOT HUMID

E. CURD
D. FARNUM
7-31-91

57

SE COR WELL #5

SE COR WELL #5				
SE COR	5.14			1265.15
		1270.29		
			10.93	1259.96 SE COR WELL 14
BM #3	2.50			1260.65 ALUM CAP @ SE COR
		1263.15		
			4.46	1258.69 ℄ ℄ Rd ℄ APPA
			3.09	1260.06 ℄ Rd ℄ LONG PINE
BM #3	4.63			1260.65
		1265.28		
TP	10.64		0.30	1264.98
		1275.62		
			9.10	1266.52 ℄ ℄ Rd ℄ OR. EAST
TP	0.89		8.92	1266.70 77-04
		1267.59		
TP	7.72		6.04	1261.55
		1269.27		
			6.05	1263.22 ℄ ℄ 77-05

MAPLE

				1267.76	TOP STEEL POST N OF ℄ WEST
TP	1.64		1.51		
		1269.40			
TP	8.41		7.21	1262.19	
		1270.60			
TP	3.83		0.52	1270.08	
		1273.91			
TP	2.10		11.34	1262.57	
		1264.67			
BM #3			4.02	1260.65	

HAROLD WILCKE — PEACEFUL VALLEY — LOTS 1 & 2

	TO	BS			
	0-0-44 180-0-53	318-51-23	89-13-58	148.19 45.167	148.174
3	218-52-07 38-52-14	218-51-21	90-53-43	83.03 25.311	83.03
4	225-45-40 45-45-46	225-44-56 225-44-53	91-32-09	193.77 59.062	193.701
5	227-38-45 47-38-43	227-37-56 227-37-50	90-13-11	309.97 94.470	309.937

	TO	BS			
	~~00-00-14~~ ~~180-00-00~~	00-00-40 180-00-37	88-04-20		
6	~~88-04-15~~ ~~268-04-22~~	88-05-00 268-04-59	88-04-22		

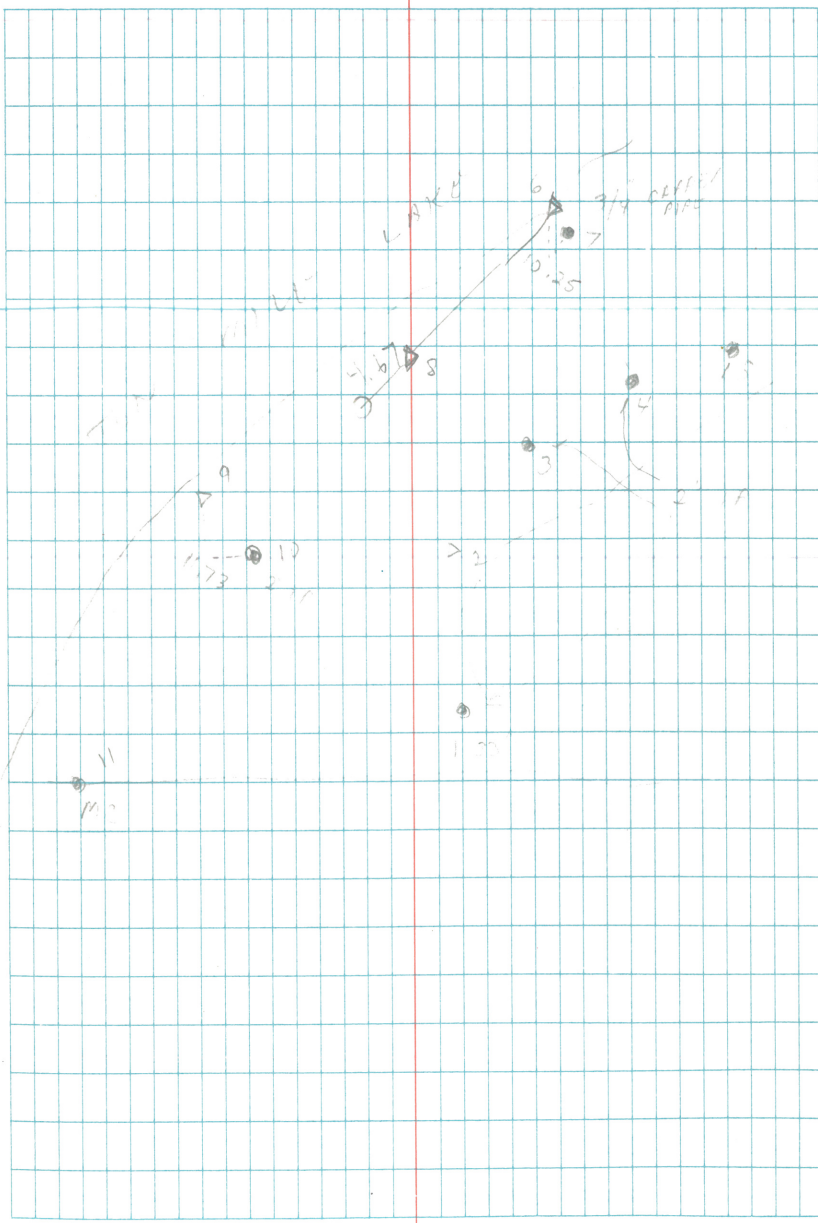
	TO	BS			
	00-00-18 180-00-24	95-45-45	91-09-52	117.73 35.882	117.701
8	95-46-03 275-46-04	95-45-45	89-28-33	93.72 28.565	93.714
9	102-26-04 282-26-12	102-25-51 102-25-48	90-11-59	298.24 90.901	298.233

	TO	BS			
	60-00-19 180-0-16	88-09-14			
	88-09-33				
10					
	179-39-33	179-39-14		179.27	
11	359-40-02	179-39-44	89-30-54	54.643	179.26

148.174
83.03
193.701
309.937

117.701
93.714
298.233

179.26



78° PRT

	BIRCH LAKE Twp		115 ¼	-29-140-31	
					992.246
3				707.75	705,600
4				72.073	302.07
		232-08-34			
6		232-08-32			347.22
7		237-23-05 237-23-00			665.928
5		250-35-57 250-35-58			132.64
		248-23-38			
8		248-23-40			877.113
		251-15-50			
9		251-15-54			
		172-24-32		286.34	286.315
		172-24-26		306.01	305.936
		209-14-42			
11		209-14-42			

78° PLY PLAY

E. EURO
D. GARFUNK

8-2-91

60

30

992.246

705,600

2.07

302.07

347.22

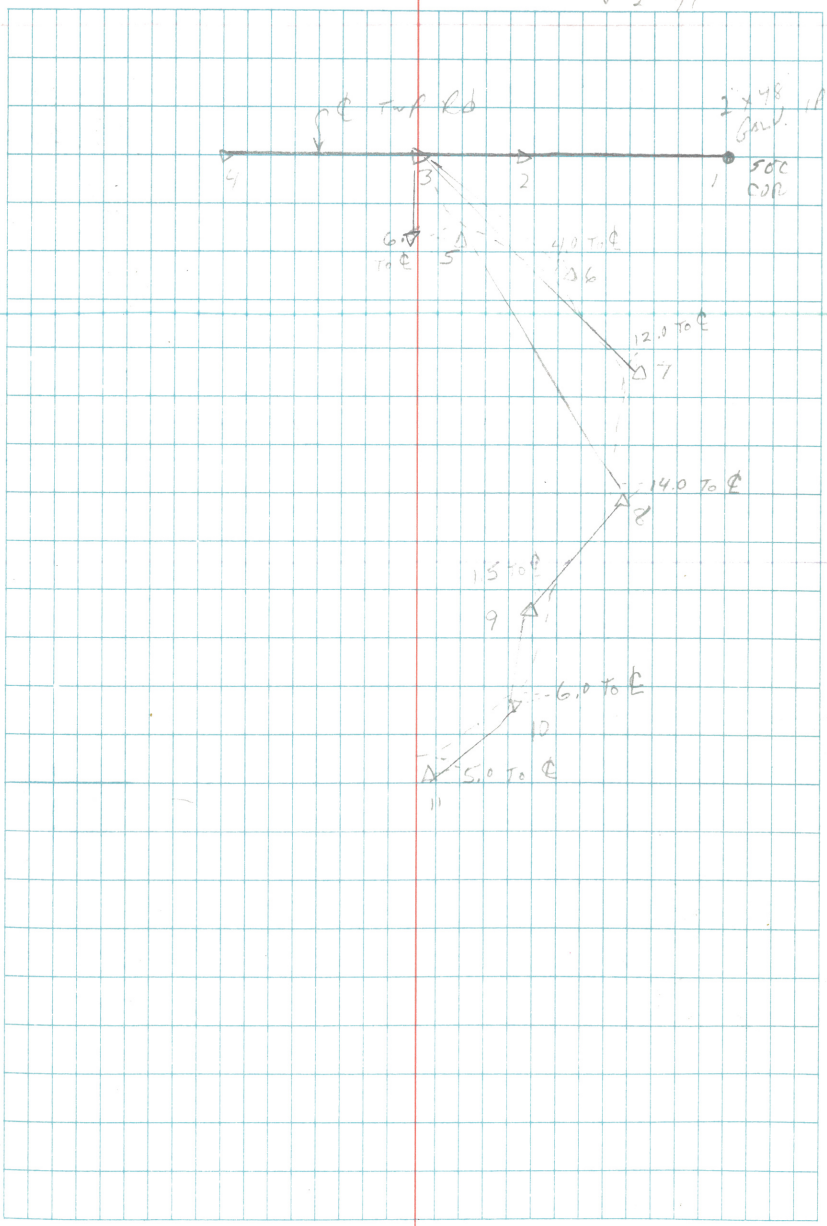
665.928

132.64

87.7.113

286.315

305.936



	208-32-23			163.422
	206-32-25			388.239
	135-04-26			
	135-04-25			537.371
	142-26-15			
	142-26-11			240.299
	109-57-28			
	109-57-29			
	291-49-54			
	291-49-53			
	123-0+18			181.099
	123-0+16			86.971
	87-31-41			208.993
	87-31-46			179.767

POQUET LAKE

3.422

88.239

37.371

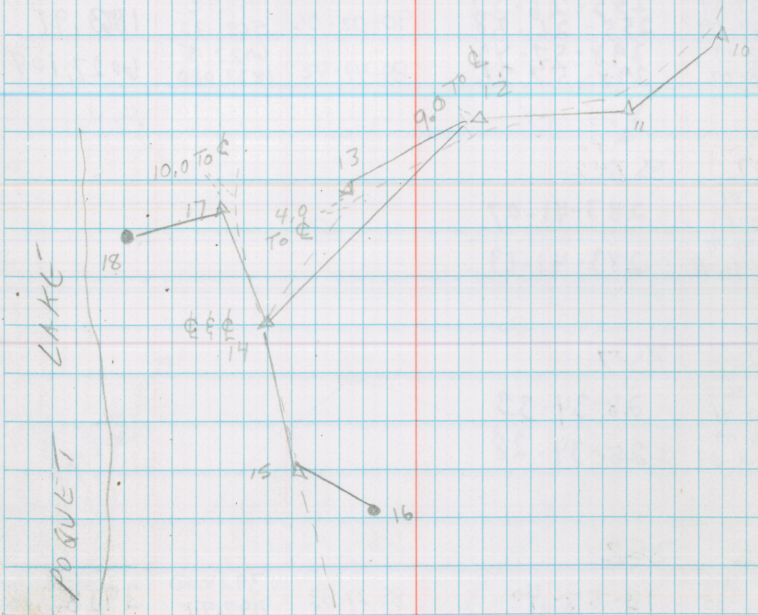
40.299

81.099

6.971

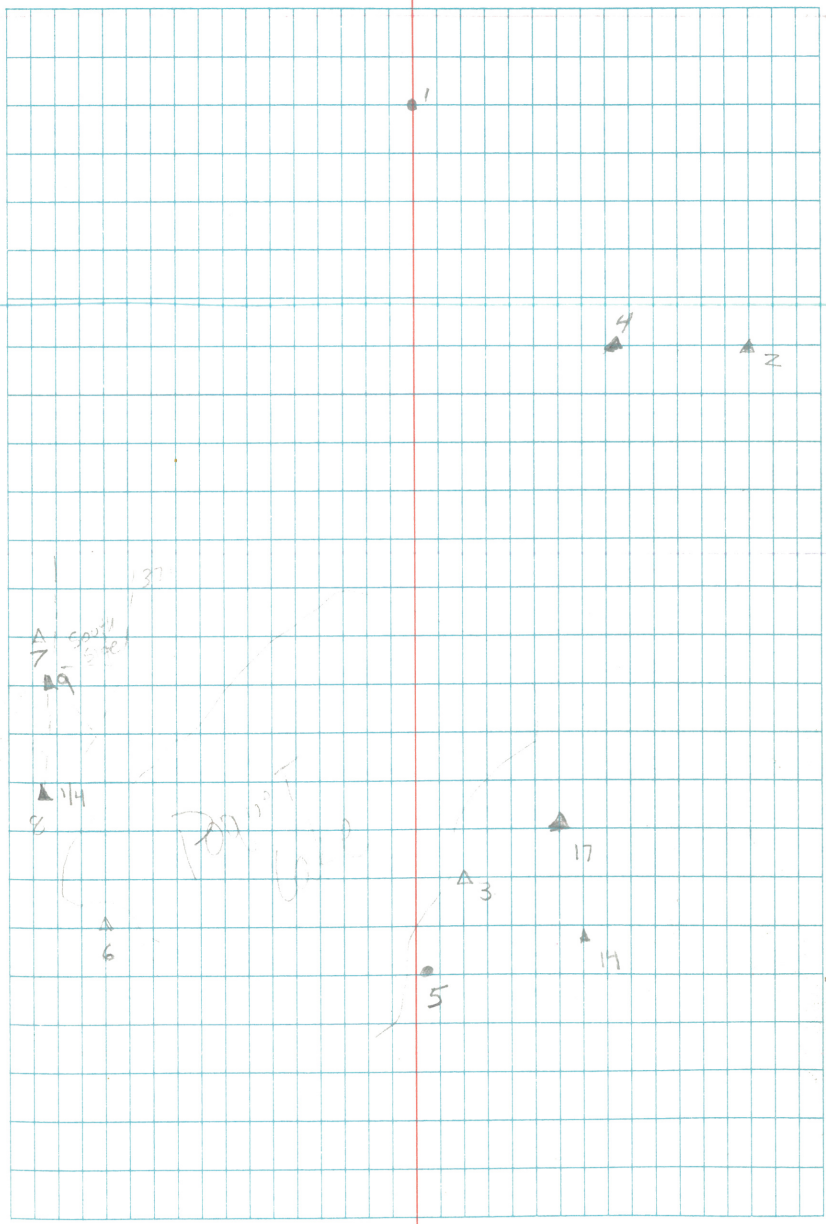
28.493

9.767



∧@3	BS 1				
00-00-39 180-00-41	63-06-47		89-08-21	2679.12 816.595	2678.804
63-07-18 17 243-07-15	63-06-34		89-29-51	241.03 73.466	241.02
207-10-53 5 27-10-52	207-10-22 207-10-11		90-40-49	142.57 43.457	142.562
255-27-04 6 75-27-09	255-26-33 255-26-28		90-02-06	1863.92 568.122	1863.91
298-58-13 7 118-58-07	298-57-42 298-57-26		89-49-42	6027.15 1837.080	6027.104
∧@17	BS 3				
00-00-34 180-00-29	283-41-07				
283-41-41 14 103-41-48	283-41-19				
∧@2	BS 7				
00-00-36 180-00-41	28-34-33				
28-35-09 4 208-35-09	28-34-28				
∧@6	BS2				
00-00-31 180-00-35	13-57-40		89-27-53	3928.50 1197.411	3928.318
13-58-11 3 193-58-16	13-57-41				
∧@7	BS3				
00-00-37 180-00-41	59-29-33				
59-30-10 8 239-30-17	59-29-36				
∧@8	BS 7				
00-00-28 180-00-39	0-44-03		90-01-15	1641.12 500 215	1641.115
9 00-44-31 180-44-42	0-44-03		90-01-51	1269.88 387.062	1269.879

2678.804
241.02
142.562
1863.91
6027.104



3928.318

1641.115
1269.879

MAPLE LANDFILL

∧@2	BS 1				
00-00-35 180-00-37	142-55-31				
142-56-06 3322-56-06	142-55-29		89-38-42	462.39 140.935	462.377
∧@1	BS2				
00-00-21 180-00-30	288-53-30				
288-53-51 4108-53-52	288-53-22		89-19-58	794.38 242.128	794.324
BM	5.75				~~SE COR SLAB WELL # 5~~
GROUND @ FENCE POST	~~2.46~~		~~2.13~~		
	~~2.49~~		~~5.95~~		SE COR SLAB WELL # 5
BM	5.98		~~2.25~~	1265.15	COR SLAB (SE) WELL # 5
		1271.13			
GROUND @ COR. POST	2.25		2.49	1268.64	
		1270.89			
BM			5.74	1265.15	

70° CLDY

G. EURO
D. FARNUM
8-7-91

63

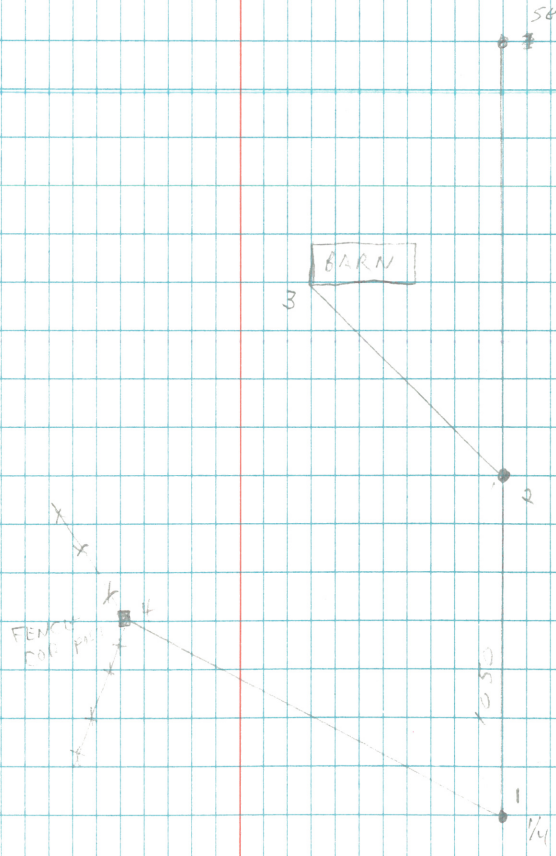
62.377

94.324

COR SLAB
ELL # 5

COR SLAB
ELL # 5

SLAB (SC)
ELL # 5



MAPLE

BM	4.63			1259.95	SE COR SLAB WELL #14
		1264.58			
TP	5.90.		5.31	1259.27	
		1265.17			
GROUND @ SW COR BARN	3.50		3.01	1262.16	
		1265.66			
TP	4.94		6.02	1259.64	
		1264.58			
BM			4.64	1259.94	

(GARY MUSER)
ELINORE MILLER

1 @ 2 BS 1

71-55-37

3 143-51-10 71-55-35 34.60

1 @ 5 BS 4

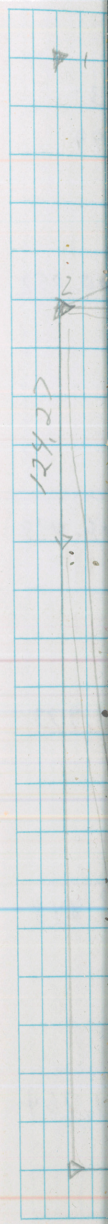
299-10-58

6 238-20-54 299-10-27 83.14

1 @ 7 BS 4

211-17-15

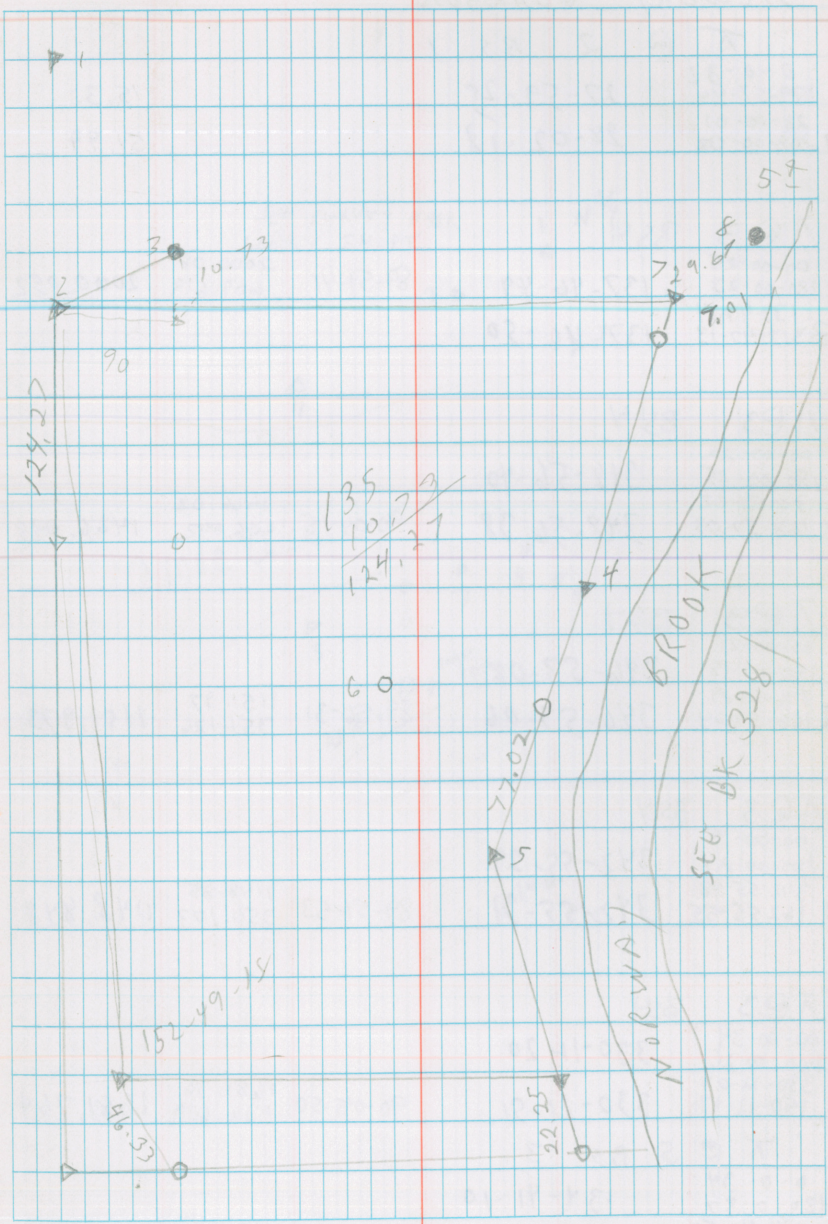
8 62-34-26 211-17-13 29.67



34.60

83.14

29.67



STEWART JOHNSON

	T @ 2 BS 1					
	0-0-36					
	179-57-44	27-59-25				15,31
	28-00-01					
3	208-00-02	28-02-18				51,99
	T @ 3 BS 4					
	00-00-25					
	180-00-23	137-46-49		89-59-41	2000.06	2000,052
	137-47-14				609.619	
2	317-47-13	137-46-50				
	T @ 3 BS 4					
	00-00-22					
	180-00-25	348-56-40				
	314-57-02				1466.02	
5	168-57-03	348-56-38		90-04-15	446.842	1466,093
	T @ 3 BS 4					
	00-00-21					
	180-00-18	346-53-08				
	346-53-29				1151.97	
8	166-53-24	346-53-06		89-56-31	351.126	1151,973
	T @ 3 BS 4					
	00-00-9					
	180-00-24	342-55-29				
	342-55-48				1148.85	
9	162 55-55	342-55-31		89-51-53	350.173	1148,848
	T @ 3 BS 4					
	00-00-34					
	180-00-26	330-11-20				
	330-12-02				1681.76	
10	150-12-17	330-11-51		90-05-50	512.609	1681,764
	T @ 5 BS 3					
	0-0-34					
	180-0-37	134-41-10				
	134-41-52				143.94	
13	314-41-58	134-41-21		90-14-59	43,871	143,938

15,31

51,99

0.06
2.619 2000.052

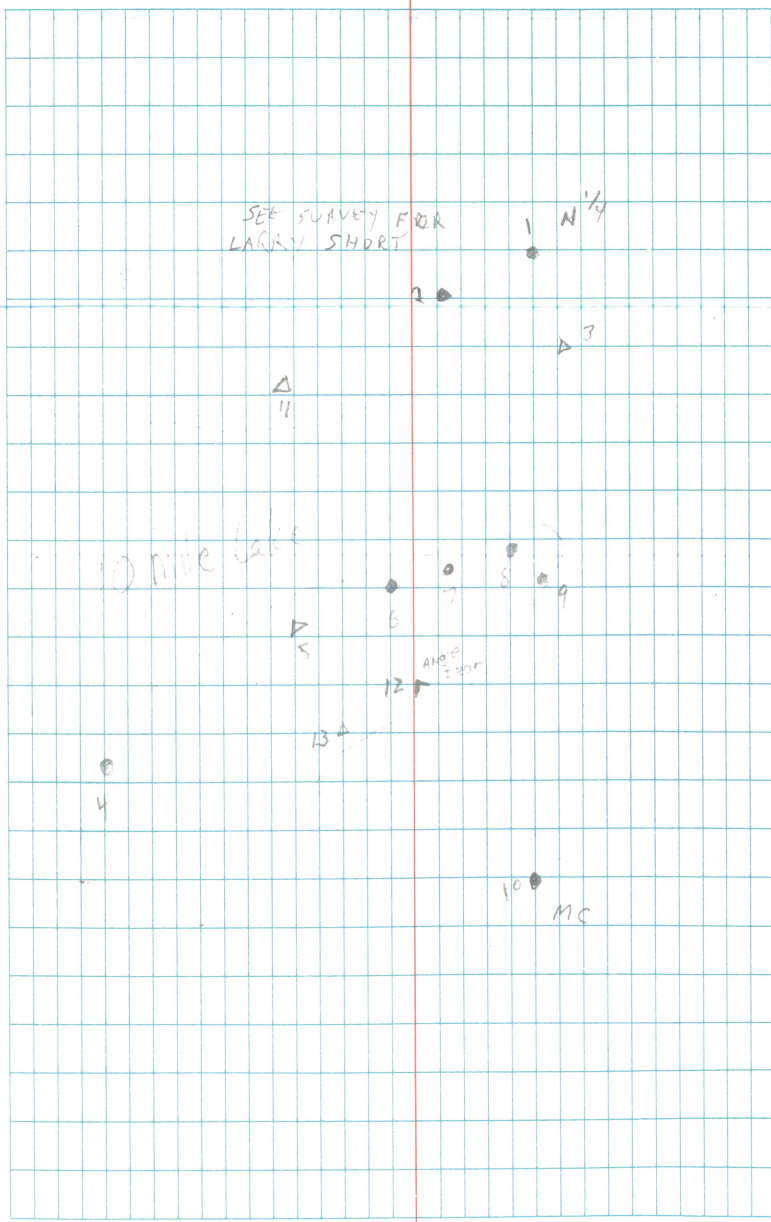
.02
.842 1466.093

.97
.126 1151.973

.85
.173 1148.848

1.76
2.609 1681.764

.94
.871 143.938



A@2	BS4				
00-00-25					
180-00-27	101-56-27				
101-56-52					
11 281-57-06	101-56-39				
A@11	BS2				
~~00-00-11~~	00-00-06			1572.66	
180-00-20	180-00-13	30-06-36	89-58-16	479.348	1572.654
	30-06-42			2460.64	
6 ~~30-03-35~~	210-06-49	30-06-36	90-03-53	750.004	2460.629
A@11	BS2				
00-00-36					
180-00-36	28-34-11				
28-34-47				2388.82	
7 208-34-50	28-34-14		89-56-30	728.117	2388.816
A@10	BS3				
00-00-26					
180-00-41	319-50-11				
319-50-37				448.03	
12 139-50-46	319-50-05		89-50-25	136.558	448.024
A@5	BS3				
13					

252.4

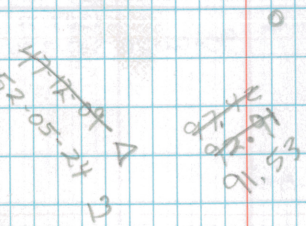
572.654

460.629

388.816

48.024

252-41-01.5 Δ 18.2



RON HANCK 19-54-23

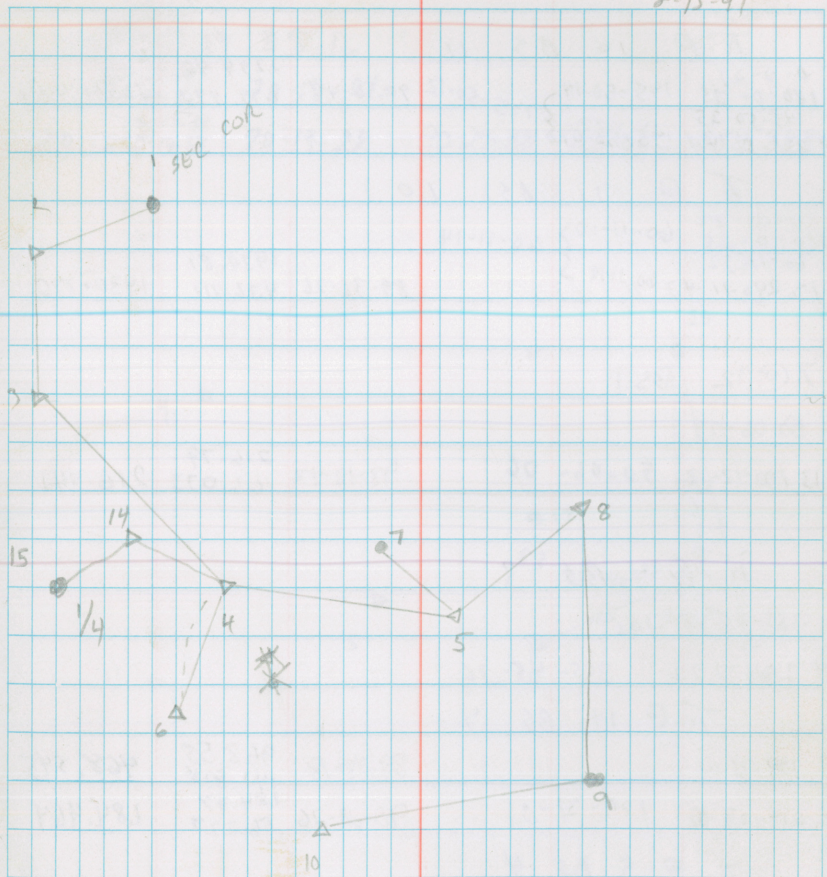
AT@2	BS1		90-47-15	432.52	
00-00-19			90-42-24	131.833	432.479
180-00-29	131-37-38	131-37-38			
131-37-57			90-47-57	447.73	
3 311-38-06	131-37-37			136.467	447.683
AT@3	BS2				
00-00-19					
180-00-21	124-31-12	124-31-15			
124-31-31					
4 304-31-39	124-31-18				
AT@4	BS3				
00-00-24				2832.55	
180-00-29			89-57-59	863.363	2832.540
161-09-53	161-09-29	161-09-28		1760.96	
5 341-09-55	161-09-26		90-02-53	536.740	1760.951
280-59-33	280-59-09			397.51	
6 100-59-32	280-59-03	280-59-06	90-23-41	121.163	397.502
AT@5	BS4				
00-00-32					
180-00-30					
15-22-40	15-22-08	15-22-11	91-05-21	401.79	
7 195-22-44	15-22-14			122.465	401.71#
158-05-15	158-04-43	158-04-46		1303.71	
8 338-05-19	158-04-49		90-02-40	397.370	1303.703
AT@8	BS5				
00-00-19					
180-00-26	243-19-05	243-19-03			
243-19-24					
9 63-19-27	243-19-01				
AT@9	BS8		268-41-19		
~~00-00-28~~	0-0-44	268-41-19	89-53-26	273.47	
~~180-01-05~~	180-0-46			83.355	273.471
~~268-42-10~~	268-42-03	268-41-18		871.24	
10 ~~86-42-18~~	86-42-04		90-02-41	265.559	871.244

PTLY CLDY 85°

E. CUAD
D. FARNUM

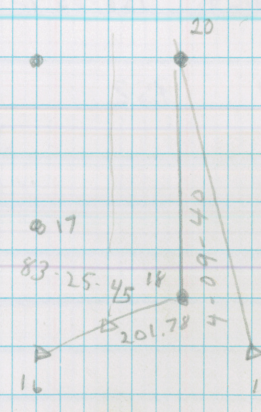
68

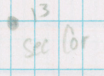
8-15-91



Γ @	10 BS	11			
0 0 21				2294.92	
180 0 35	145 50-14 }	145-50-12	90-15-14	299.492	2294.904
145-50-35					
9 325-50-49	145 50-09 }				
Δ @	11 BS	10			
[illegible]					
180-0-25	60-[illegible] }	60-11-14			
60-[illegible]				1430.81	
12 24[illegible]-43	60-11-18 }		89-36-26	436.111	1430.770
7 @ 2	BS [illegible]				
[illegible]					
13 200-12-12	50-06-	06	[illegible]-42	216.77	
				66.073	216.441
Λ @ 4	BS 3				
355 45-44					
14 351-31-12	355-[illegible]				
Λ @ 14	BS 4				
109-3[illegible]			[illegible]-18	468.55	
				142.814	468.545
				184.47	
15 219-03-[illegible]	109-31-[illegible]		90-28-26	56.227	184.464
Λ @ 5	BS 4				
166-57-10					
16 333-54-04	166-57-02				
Γ @	16 BS	5			
00-00-35				418.64	
17[illegible]	53-44-09		90-[illegible]	127.601	418.606
5[illegible]				143.50	
17 233-44-12	53-44-17		92-37-32	43.740	143.348
150-2[illegible]-32	150-28-57			405.49	
18 330-29-20	150-29-25		96-58-16	[illegible]	405.431
159-26-12	159-25-37			459.81	
19 339-26-00	159-26-05		90-51-55	140.150	459.749

	19 BS 16					
	00-00-14					
	180-00-31	70-19-24				
	70-19-38					
20	250-19-56	70-19-25	90-29-38	554.41	168.985	554.388





DAILEY

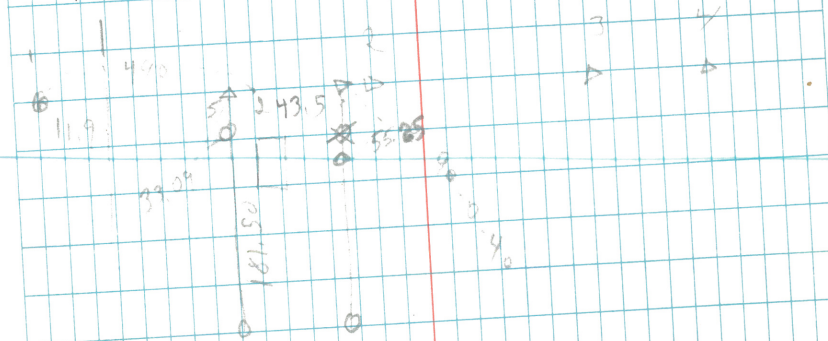
	BILL HENDRICKS		LEADER	
	★ @ 3 BS 2			
0-0-23			1497.84	
180-0-02	179-36-43	90-22-15	454.717	1491.804
179-37-56			343.34	
4 359-36-56	179-36-54	92-35-26	104.648	342,984
	T @ 2 BS 1			
0-0-31				
180-0-19	180-06-06	~~90-39-01~~		
180-06-37				
3 0-06-32	180-06-13			
T@1	BS2			
			3192.76	
		89-21-43	973.065	3192,257
			478.28	
5		89-26-07	145.780	478,255

491.804

342,984

3192.257

478.255



SANDY SAMOSTROM

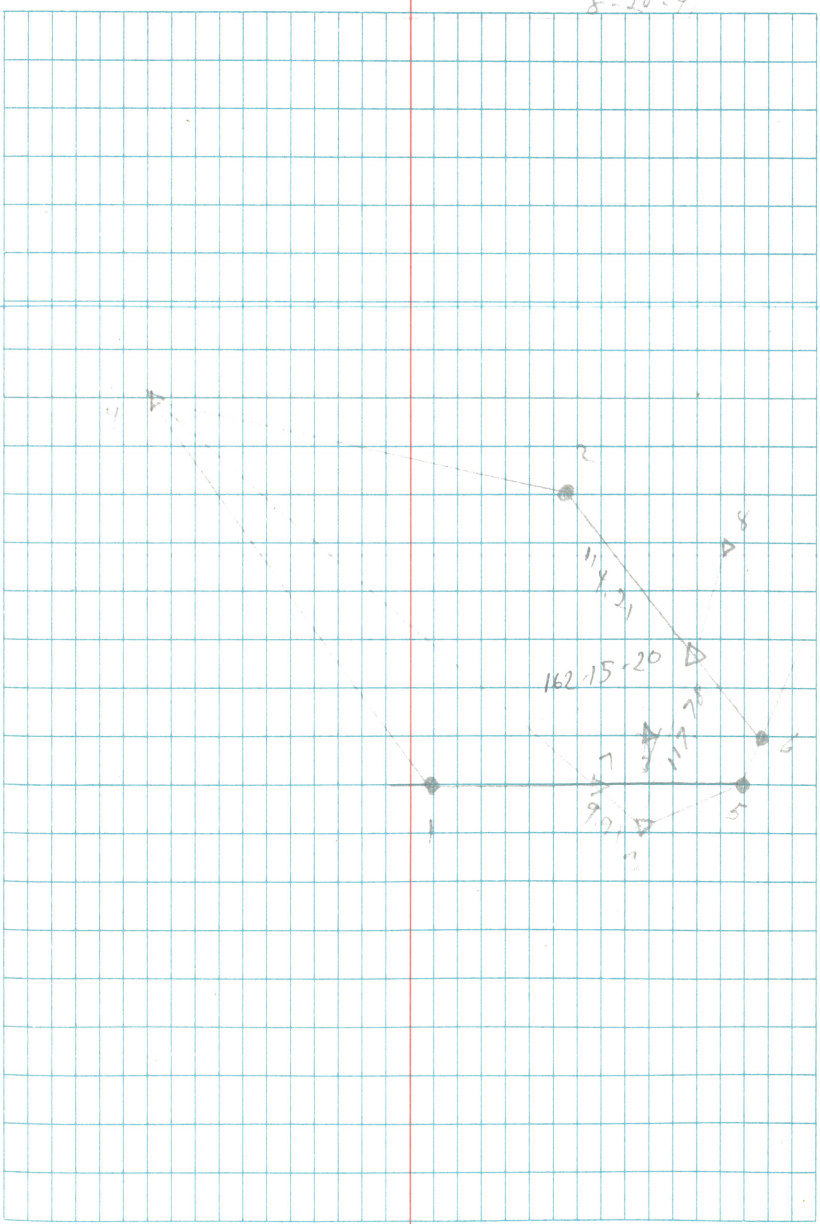
π @ 4	Bs 2				
0-0-18				1305.10	
180-0-20			90-44-15	397.795	1304.987
1-39-00	01-38-42	01-38-42		1336.95	
3181-39-02	01-38-42		90-34-05	407.502	1336.839 ①
10-31-14	10-30-56	10-30-56		1540.52	
1 190-31-16	10-30-56		90-42-53	469.550	1540.437 ③
π @ 3	Bs 4				
00-00-30					
180-00-31	121-47-44	121-47-38			
121-48-14					
5 301-48-02	121-47-31		123-42-57	35.30	29.363
π @ 7	Bs 4				
314-30-49					
8 18-08-26					

1354.327

1336.239 (1)

1540.437 (3)

29.363

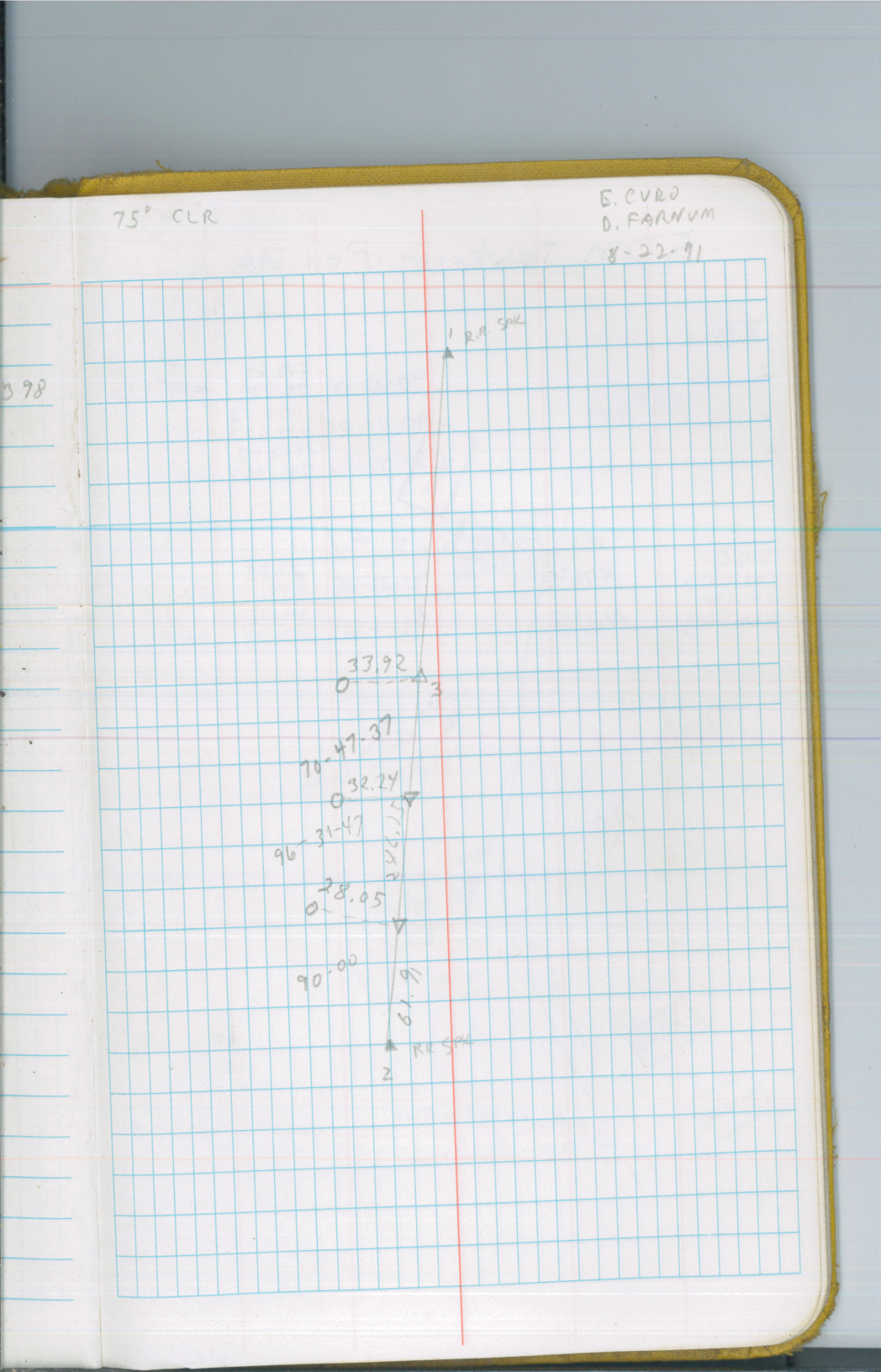


BOB	JOHNSON		30-140	-30
TQ2	BS1			
		91-38-08	568.63 173.320	-568.398

75° CLR

E. CURO
D. FARNUM
8-22-91

398



EDM Test — Red 2A

1	@ 1			
2		90-22-44	248.80 75.834	248.793
3		90-27-02	1409.53 429.627	1409.484
4		89-54-36	2482.42 756.647	2482.415

Ties For Point # 1

S.W. Cor. Old Bldg.	N76°E	91-25-45	27.85 8.491	27.845
S.W. cor. New Bldg.	N2°E	90-17-36	66.09 20.144	66.089

78° Clear

Aug 22, 1990 D. Farnam

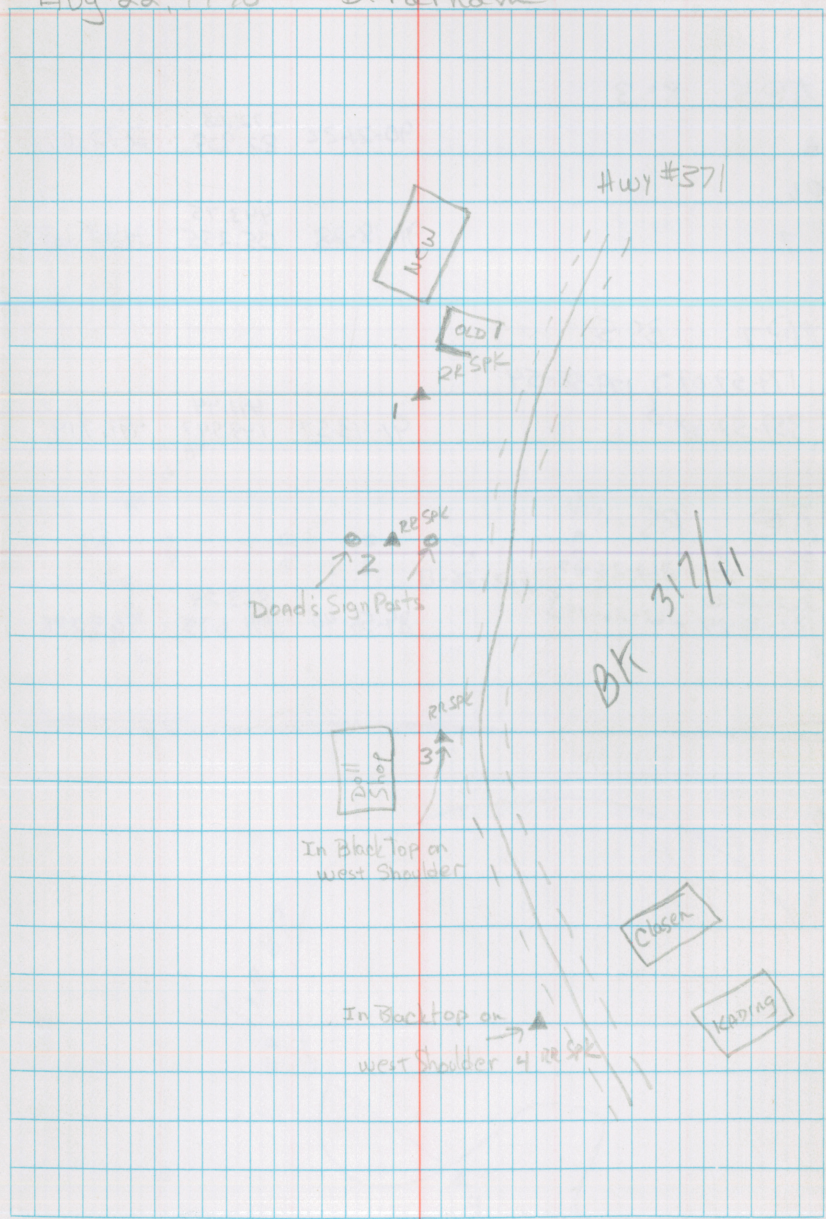
.793

9.484

2.415

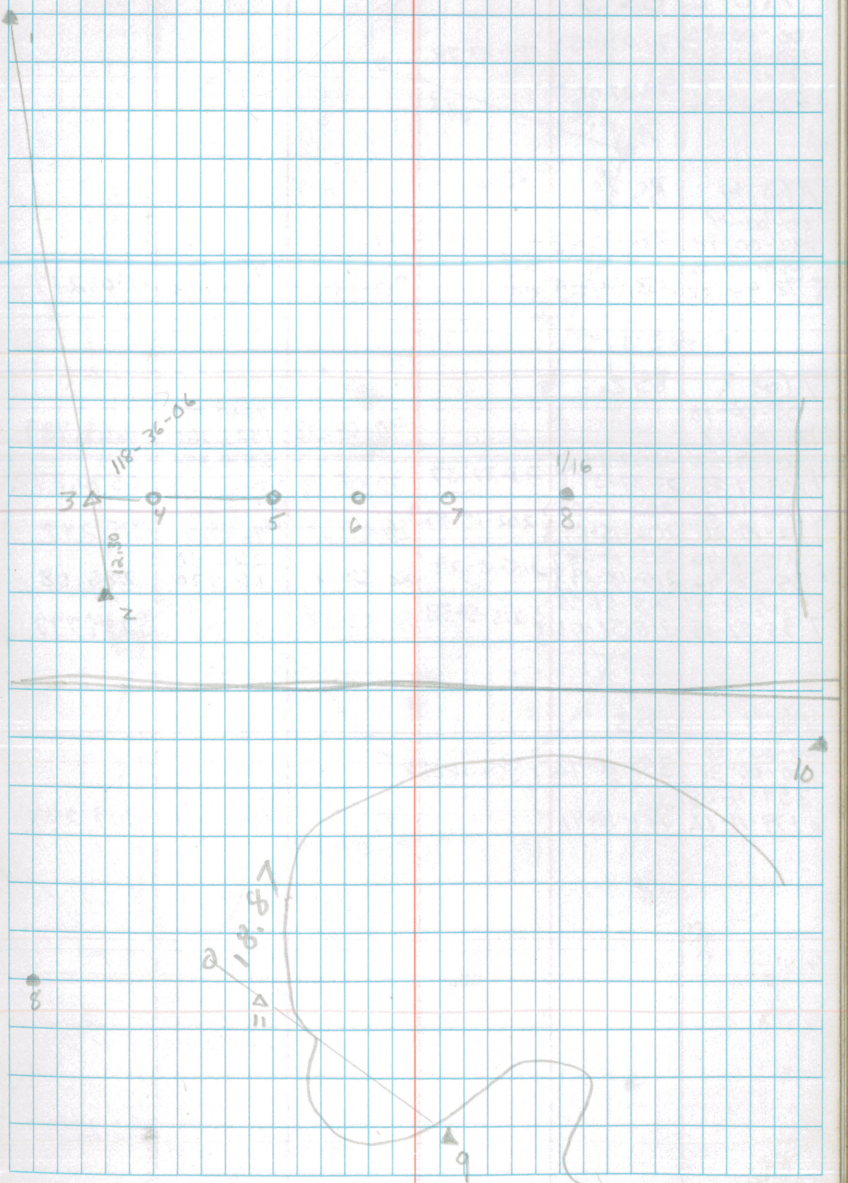
845

.089



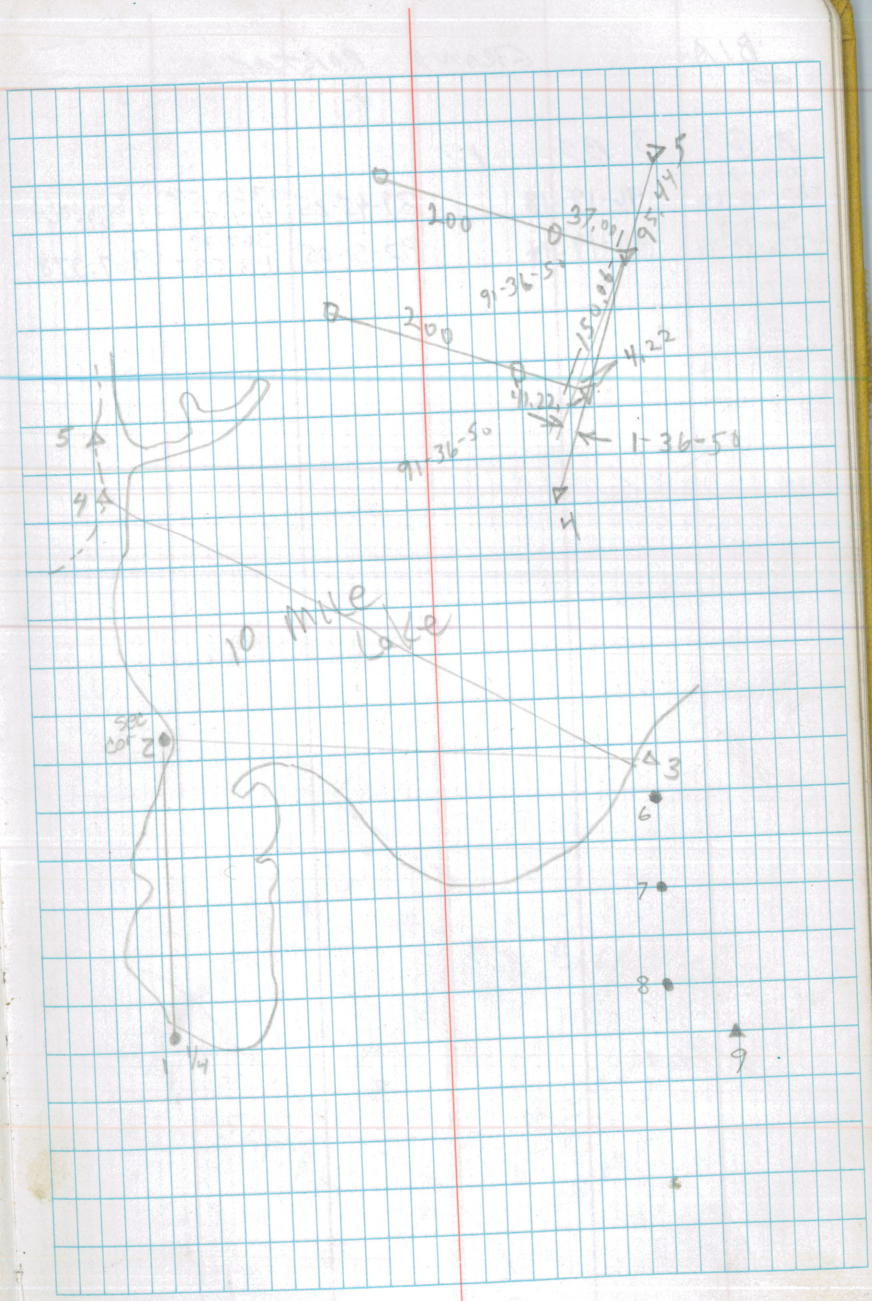
BK 3/7/11

T@5	BS3			
		90-21-22	272.08 82.929	272,072
6				
7		91-18-28	443.75 135.255	443,633
T@7	BS5			
179-59-09 8 359-57-48	} 179-58-54	91-43-57	491.94 149.947	491,719
T@	BS			
00-00-13 180-00-05	262-26-07	} 262-26-13		
262-26-20 11 82-26-24	262-26-19	}	563.24 171,675	563,236


118-36-06
12.30
1/16
3
4
5
6
7
8
2
10
9
8
1
2
3
4
11

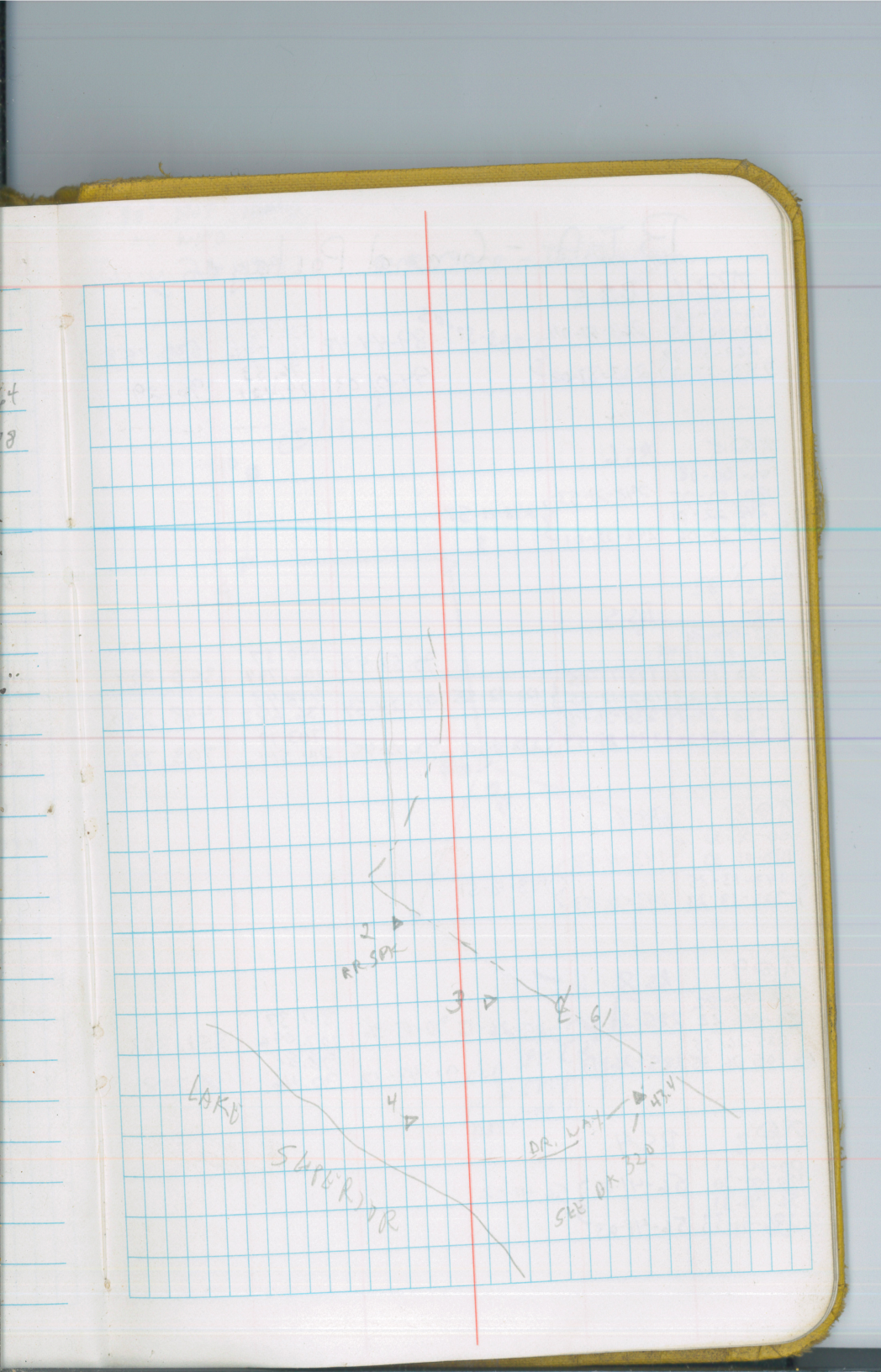
Roy STROMQUIST

A@2	BS 3					
00-00-20	74-27-05	74-27-04				
180-00-34						
74-27-25						
1 254-27-36	74-27-02					
A@ 4	BS 3					
00-00-14						
180-00-18	258-44-12	258-44-13				
258-44-26						
5 78-44-32	258-44-14			90-13-22	490.28 149,439	490.277
A@ 3	BS 2					
00-00-18						
180-00-17				90-01-28	4669.80 1423.361	4669,789
23-37-52	23-37-34	23-37-37			6570.85	
4 203-37-56	23-37-39			90-01-18	2002.808	6570,842
202-15-27	202-15-09	202-15-09			315.28	
9 22-15-26	202-15-09			89-11-34	96.097	315.247
215-18-46	215-18-28	215-18-29			226.12	
8 35-18-46	215-18-29			88-58-18	68,920	226.08
215-52-13	215-51-55	215-51-58			123.82	
7 35-52-18	215-52-01			88-53-32	37.741	123,797
A@9	BS3					
00-00-23						
180-00-31	359-10-42	359-10-42				
359-11-05					309.26	
6 179-11-12	359-10-41			91-04-00	94.261	309.203


200
37.0
91-36-50
200
41.22
91-36-50
41.22
1-36-50
10 mile Lake
See cor
1/4

BIA GRAND PORTAGE

T @	3 BS	1			
00-00-23 180-00-30	96-19-18		89-45-25	1360.08 414.554	1360.064
96-19-41 4276-19-44	96-19-14		92-51-05	367.73 112.087	367.278


2
RR SPA
3
E. 61
4
DR. WASH
SEE DR 320

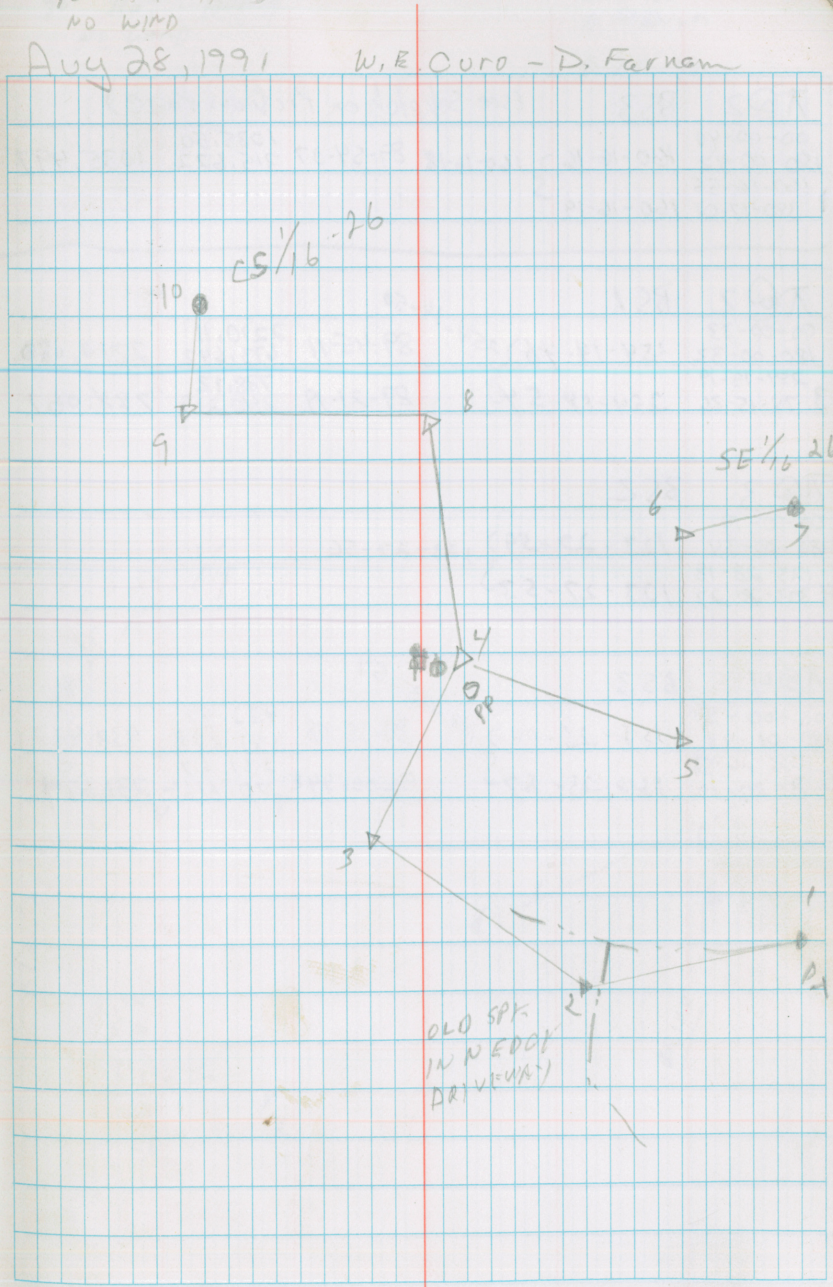
BIA - Grand Portage

A@6	BS5					
00-00-28					530.76	
180-00-35	263-37-04	263-37-03		89-44-48	161.776	530.753
263-37-32					96.53	
283-37-37	263-37-02			94-01-03	29.421	96.29
A@5	BS6					
00-00-08						
180-00-05	248-21-53	248-21-57				
248-22-01						
4 68-22-06	248-22-01					
A@4	BS5					
00-00-21					350.37	
180-00-28				90-57-47	106.794	350.321
122-13-16	122-12-55	122-12-55			448.43	
3 302-13-23	122-12-55			91-24-54	136.682	448.292
238-20-29	238-20-08				703.79	
8 58-20-22	238-19-54	238-20-01		90-22-45	214.514	703.77
A@8	BS4					
00-00-33						
180-00-33	143-12-52	143-12-51				
143-13-25						
9 323-13-23	143-12-50					
A@9	BS8					
00-00-22					351.37	
180-00-22	285-26-13	285-26-[illegible]		90-13-36	107.096	351.363
285-26-35					98.81	
10 105-26-35	285-26-13			91-48-17	30.116	98.758
A@3	BS4					
00-00-31						
180-00-30	56-41-00	56-41-02				
56-41-31						
2 236-41-33	56-41-03					

90
NO
Avg

90° HOT - HUMID
NO WIND

Aug 28, 1991 W, E. Curo - D. Farnam

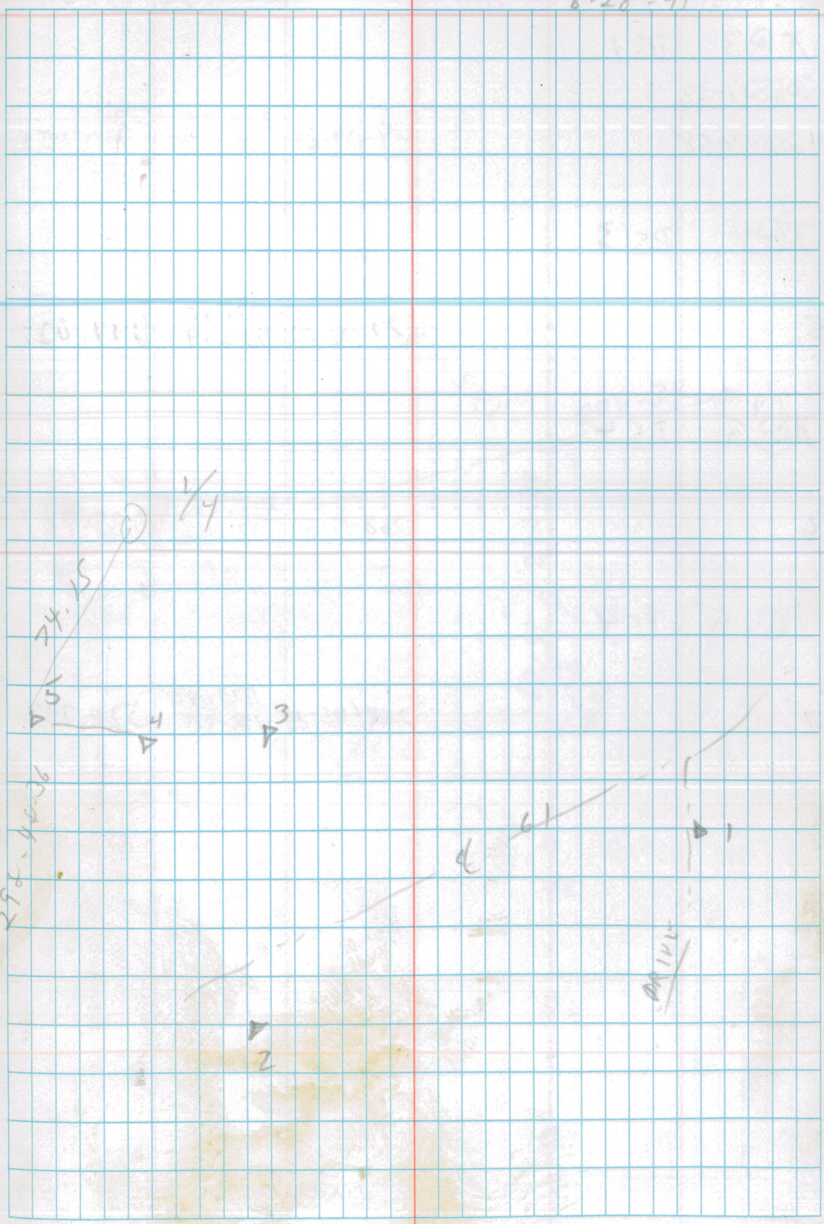


T@2	BS3	(see Sketch on Previous Page)			
00-00-40				1035.50	
180-00-42	160-16-16	160-16-18	89-54-07	315.622	1035.497
160-16-56					
1 340-17-01	160-16-19				
T@2	BS1				
00-00-33		254-14-50		2210.11	
180-00-32	254-14-46		89-45-11	673.642	2210.080
254-15-19				788.12	
3 74-15-26	254-14-54		89-21-19	240.219	788.067
T@3	BS2				
00-00-19					
180-00-34	123-27-59	123-27-56			
123-28-18					
4 303-28-27	123-27-53				
T@4	BS3				
00-00-51		185-25-59		432.44	
180-01-13	188-26-00		89-35-08	171.808	432.427
188-26-57				231.67	
5 8-27-10	184-25-57		90-00-44	70.616	231.674

90° HOT - HUMID
NO WIND

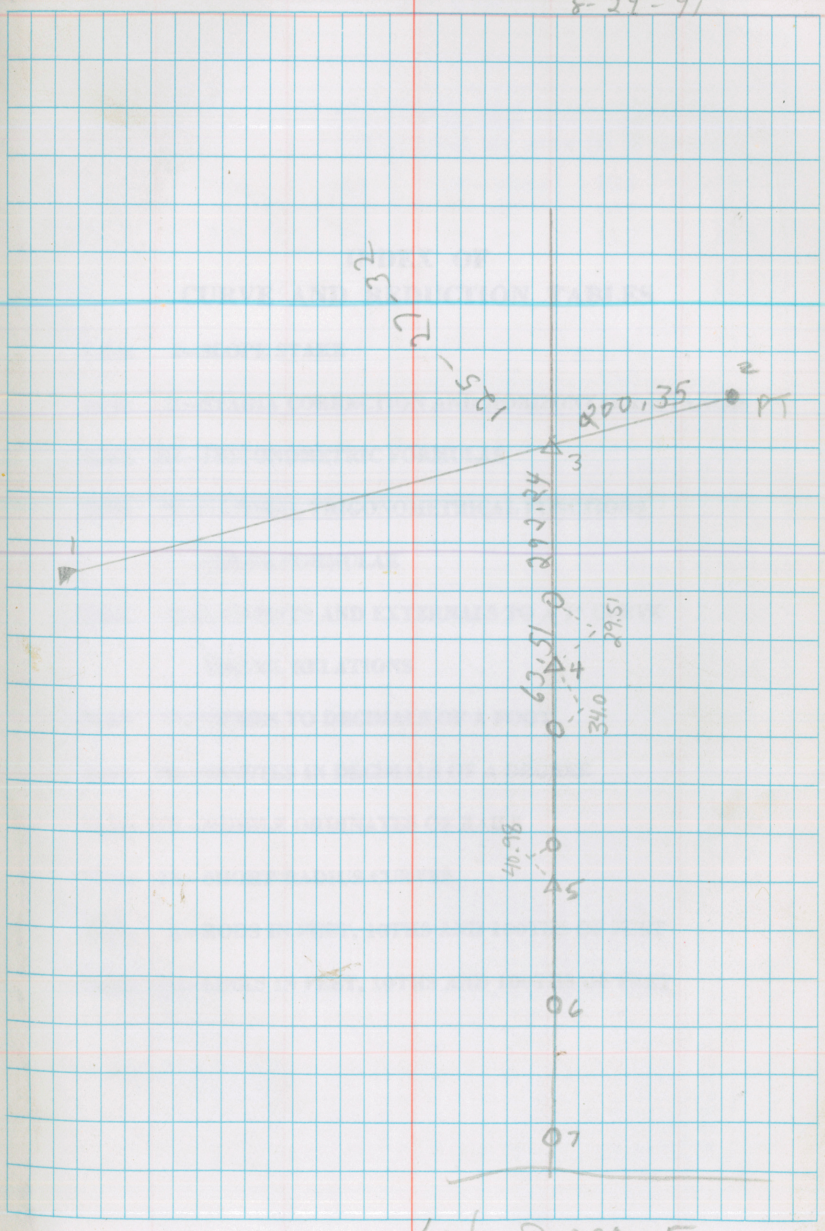
E. CURD
D. FARNUM

8-28-91



BID	GRADE BOF 1 & 5		GL 1-26-63-25	
1 @ 3	BS 1			
303-27-51				
4250-54-58		89-09-20	321.79 78.080	321.751
1 & 4	BS 3			
5		87-08-00	297.70 90.649	297,029
1 @ 5	BS 4			
6		268-11-51	285.92 87.145	285,787
1 @ 5	BS 4			
7		268-45-25	520.92 158-775	520,793

E. CURO
D. FARNUM
8-29-91



Lake Superior