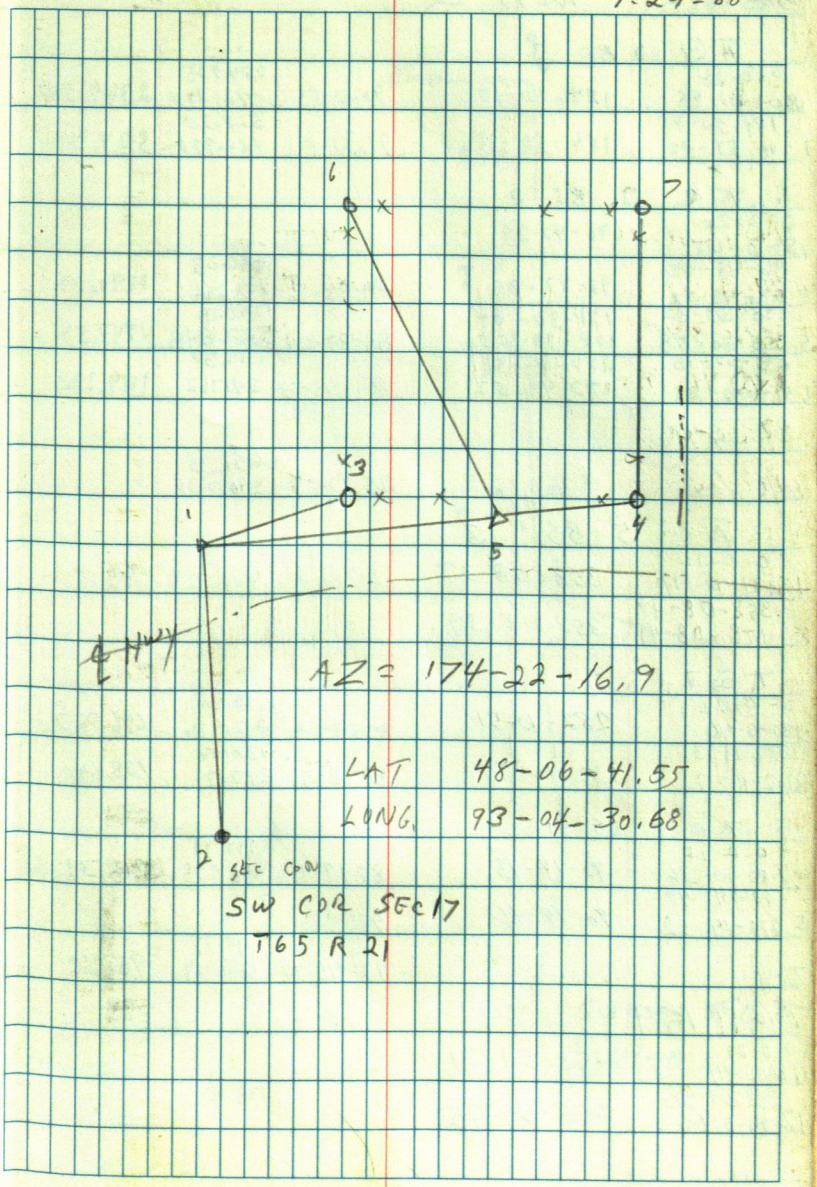
INDEX

1	BIA NETT LK	
6	GUERT CASKEY	SW-NE-3-18-137-29
7	LEE PALMATEER	7-140-29
8	MIKE HARINGTON	4-140-30
9	RON CROOKER JR	32-139-30
10	BIA GRAND PORT.	
16	JOHN HARTZELL	10 mi LK WH. PN BEACH
17-	BIA GRAND PRT	
38	WIRAM TWP	ACCESS WH. PA. PT
39	KRUSE	8-139-29
40	TIM MACHACEKS	NORWAY LAKE WHITE P.NE PT
41	PAT MORAN	34-140-30
42	D. ENGER OUTING	7-23-139-26
44	PAT PIPENHAGEN	3-18-140-29
45	MACHACEK	
47	DIRK FISHER	GRAND. PILE TWIN LK LK
49	DAVE SMITH	3-HOA PINE BEACH
50	LON MUSOLF	30-138-26
52	CARRIER	1-139-30
53	BILL TAYLOR	RAINEY LK
54	BIA GRAND PORT.	
56	RAY KRESS	
57	FRANK SPARTZ	DRIL PLT HACK
58	HACK SENIOR CITZ. OLDS LOT	HACK

BIA	SOLAR		NETT LK	
⊼ @ 1 BS SEC COR				
BS D 0-01-01				
R 180-01-15				
302-32-30		15.57753		
302-38-32		15.58370		
302-43-48		15.58912		
123-07-16		15.60966		
123-27-00		15.63201		
123-35-02		15.64052		
⊼ @ 1 BS 2				
0-01-01			434.89	
180-01-15		90-32-22	132.561	434.88
~~214-58-37~~			~~60.28~~	
3 ~~39-59-07~~				
239-42-06	239-41-05		260.02	
4 59-42-26	239-41-11	89-56-37	72.254	260.019
3 197-44-04	197-43-03		35.37	
⊼ @ 5 BS 1				
0-1-11			116.14	
180-01-30	99-54-00	90-49-02	35.40	116.129
99-55-11			240.32	
6 279-55-33	99-54-03	91-0-08	73.25	240.283
⊼ @ 4 BS 1				
0-1-47				
180-2-07	104-49-44			
104-51-31			194.17	
7 284-51-50	104-49-43	90-55-42	59.183	194.144

T-2

E. RUKO
T. KUCHEFSKI
7-29-88

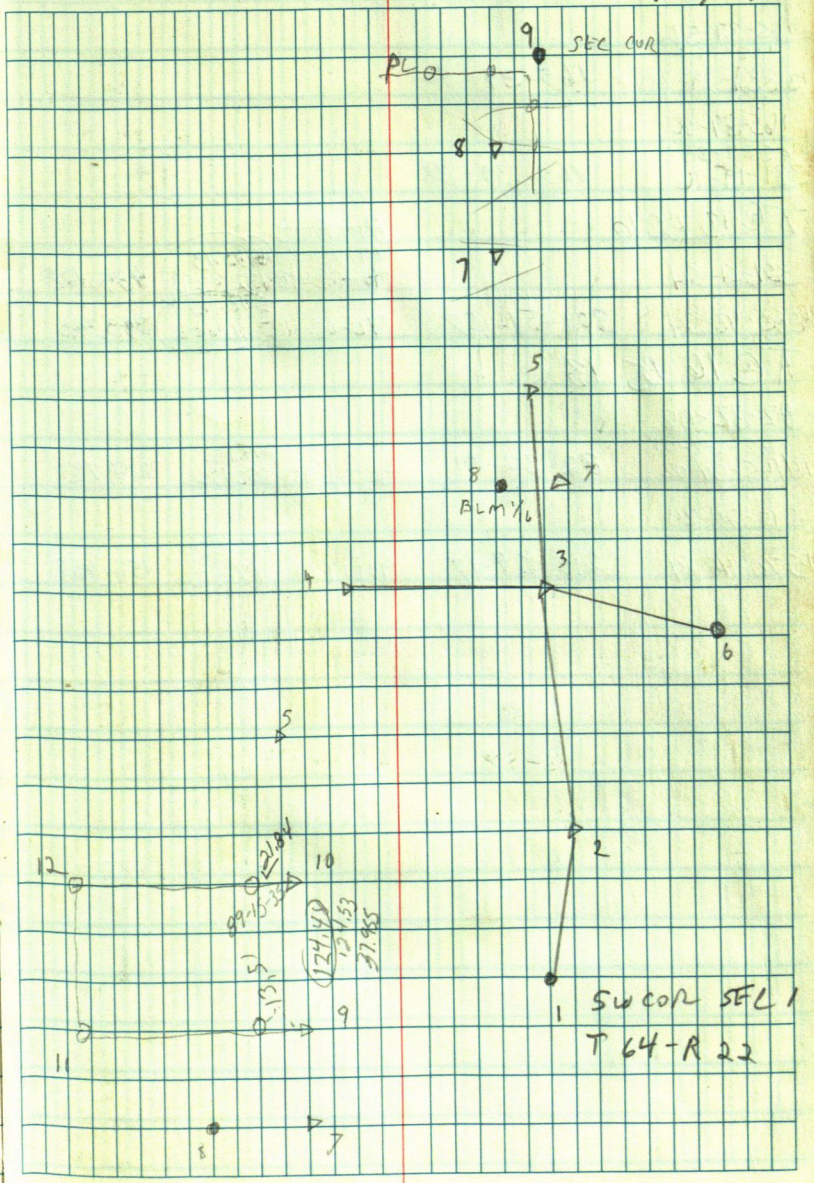


E. CURD
T. KUCHEFSKI 2

7-29-88

BIA NETT LK

∧ @ 2 BS 3					
	0-0-26			234.955	
	180-0-45	184-50-17	90-0-55	716.147	2349.546
	184-90-45			528.20	
1	4-51-00	184-50-15	91-55-0	160.996	527.903
∧ @ 3 BS 2					
	0-0-26				
	180-0-43	96-47-39			
	96-48-05			1290.23	
4	276-48-22	96-47-39	89-53-16	393.261	1290.22
	178-30-30	178-30-04		1748.18	
5	358-30-48	178-30-05	88-27-04	532.848	1747.538
	277-50-18	277-49-52		1119.30	
6	97-50-35	277-49-52	89-53-48	341.162	1119.292
			95-13-03	210.735	
∧ @ 5 BS 3					
	0-0-14				
	180-0-10	358-08-33			
	358-08-47				
7	178-08-49	358-08-39			
∧ @ 7 BS 5					
	0-0-22			698.54	
	180-0-40	282-10-51	85-08-24	212.916	696.027
	282-11-13			128.66	
8	102-11-37	282-10-57	88-58-22	39.217	128.641
∧ @ 9 BS 11					
	0-0-25			218.41	
	180-0-36	90-14-45	89-13-16	16.573	218.392
	90-14-43				
5	270-14-52	90-14-16	9		
				95.37	
7			93-46-49	29.069	95.162
∧ @ 11 BS 9					
	0-0-27				
	180-0-41	258-59-31			
	258-59-58			138.50	
12	79-0-06	258-59-25			



T@6 BS 3

165-39-56

165-39-40

13 331-19-20 165-39-40

165-39-50

165-39-38

331-19-16 165-39-38

T@13 BS 6

89-48-10

89-48-16 435.13

321-51-54 90-05-48 132.629 435.128

93.45

16 283-43-54 321-51-57 90-05-48 104.682 343.445

T@16 BS 13

82-32-06

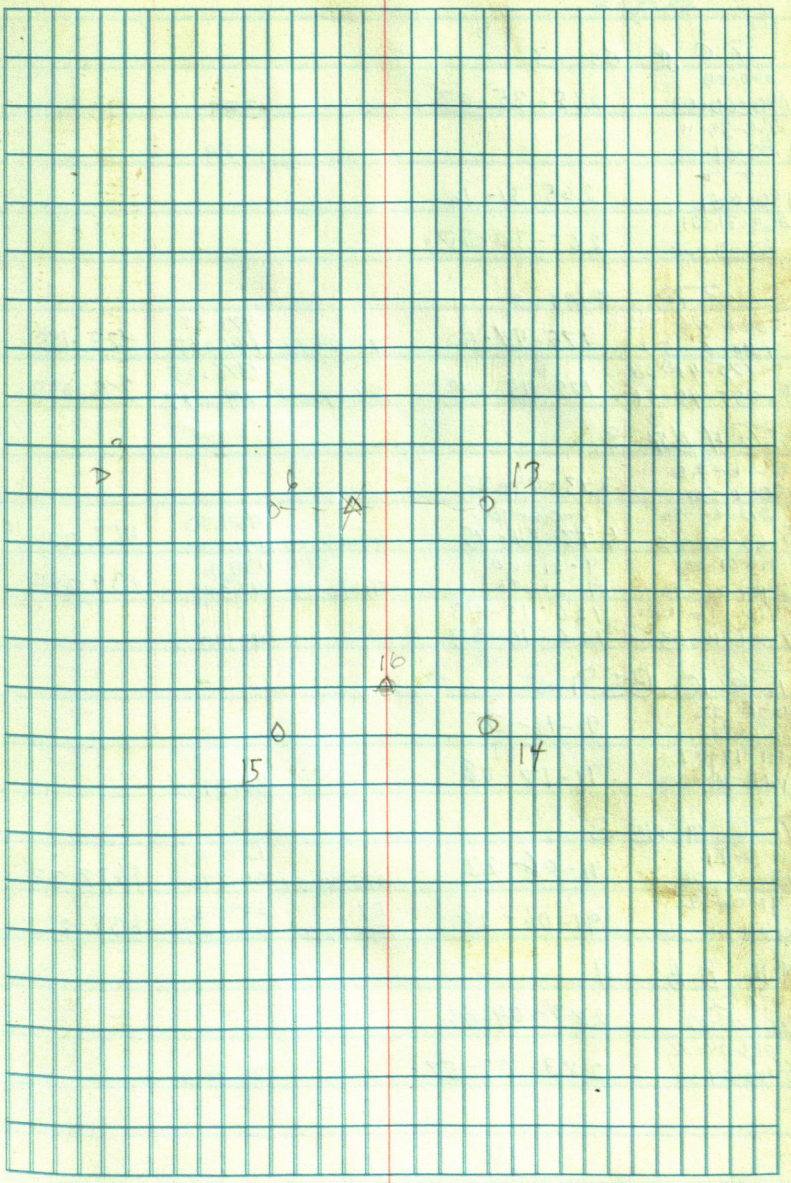
82-32-01

14 165-04-02 82-32-01 90-51-16 214.82 45.476 214.793

215-24-24

156.87

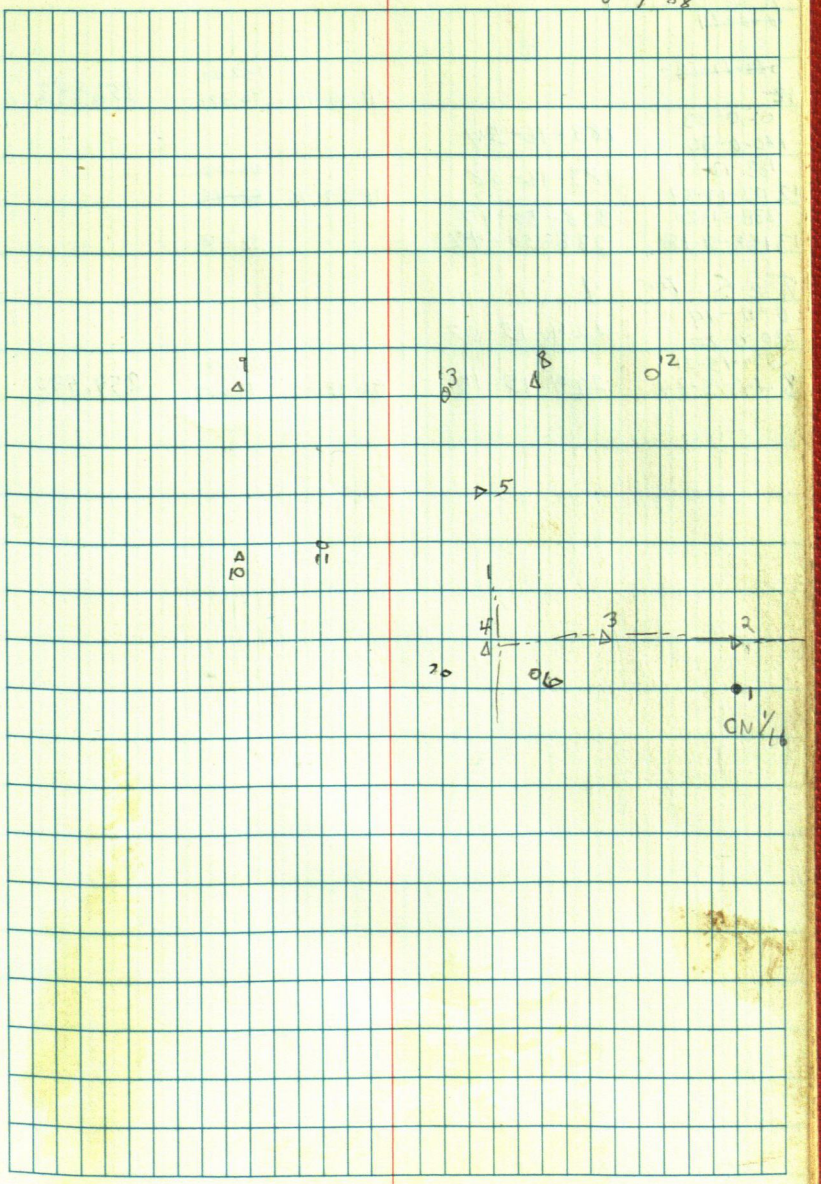
15 70-48-34 215-24-17 90-19-57 47.815 156.868



T @ 2	BS 3			
0-0-08				
180-00-03	265-35-03		~~13.88~~	
265-35-11				
1 85-31-02			13.88	
0-0-17				
180-0-31	265-31-14			
265-31-31				
85-31-28	265-30-57			
T @ 3	BS 2			
0-0-48			473.25	
180-0-52	175-44-50	90-50-31	144.247	473.198
175-45-38			376.05	
4 355-45-56	175-45-04	89-29-09	14.617	376.026
T @ 4 BS 3				
0-0-25				
180-0-30	243-04-25			
243-04-50	~~9-21-00~~		464.50	
5 63-05-15	243-04-45	94-02-20	141.661	463.379
9-21-25	9-21-00		139.71	
6 189-21-30	9-21-00	91-42-23	42.587	139.644
126-16-08	126-15-43			
7 306-16-53	126-16-23		49.82	
T @ 10	BS 9			
0-0-32				
180-0-52	91-16-35			
91-17-07				
11 271-18-00	91-17-08		80.31	
T @ 9	BS 8			
0-0-19			1677.40	
180-0-28	91-06-23	270-30-54	511.275	1677.331
91-06-42		87	639.93	
10 271-06-56	91-06-28	~~87~~-19-20	193.050	639.227
T @ 8	BS 9			
0-0-26				
180-0-40	283-04-06			
283-04-32				
5 103-04-37	283-03-57		85-33-26	

5 COR2
T. KUCHEFSKI 4

8-9-88



T@8 BS 9				
~~0-0-24~~				
~~183-17-19~~			152.01	
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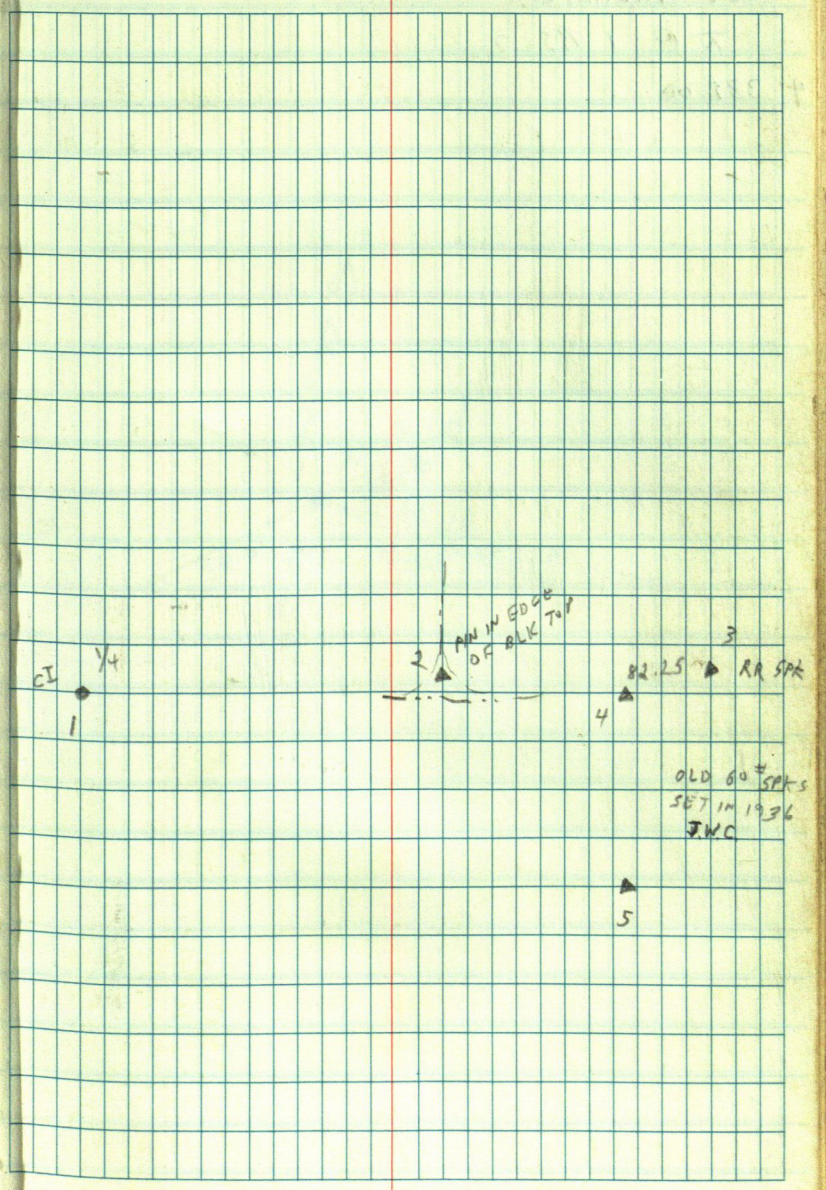
0-0-33				
180-0-36	183-16-54			
183-17-27			~~46,331~~	
12 03-17-34	183-16-58	91-39-45	~~32.48~~	
338-51-20	338-50-47			
13158-51-18	338-50-42		32.48	
T@5 BS 4				
0-0-14				
180-0-20	224-15-07			
224-15-21			261.16	
8 44-15-34	224-15-14	96-18-02	79,607	259,590

EVERT CASKEY

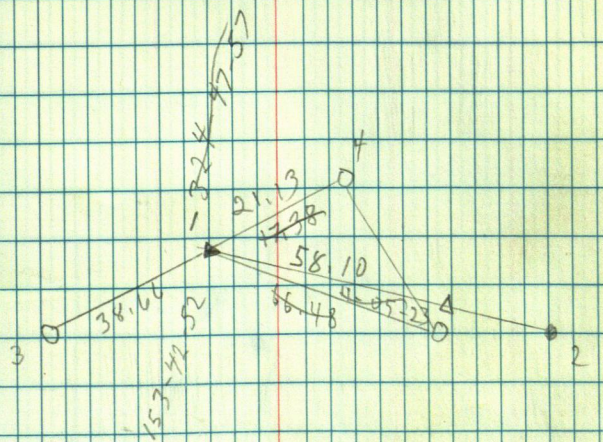
	∠Q	2 BS 1			
	0-0-33			3395.81	
	180-0-45	180-40-45	89-55-57	1035.041	3395.791
	180-41-18			618.82	
3	0-41-28	180-40-43	91-14-35	188.612	618.664
	∠@ 3	BS 2			
	0-0-31				
	180-0-40	354-31-16			
	354-31-47				
4	174-31-52	354-31-12			
	∠@ 4	BS 3			
	0-1-30				
	180-01-02	94-41-38			
	94-43-08				
5	274-43-20	94-42-18	83-43-20	86.17	85.653



LEE PALMATEER

TP 1 BS 2

4° 335-00



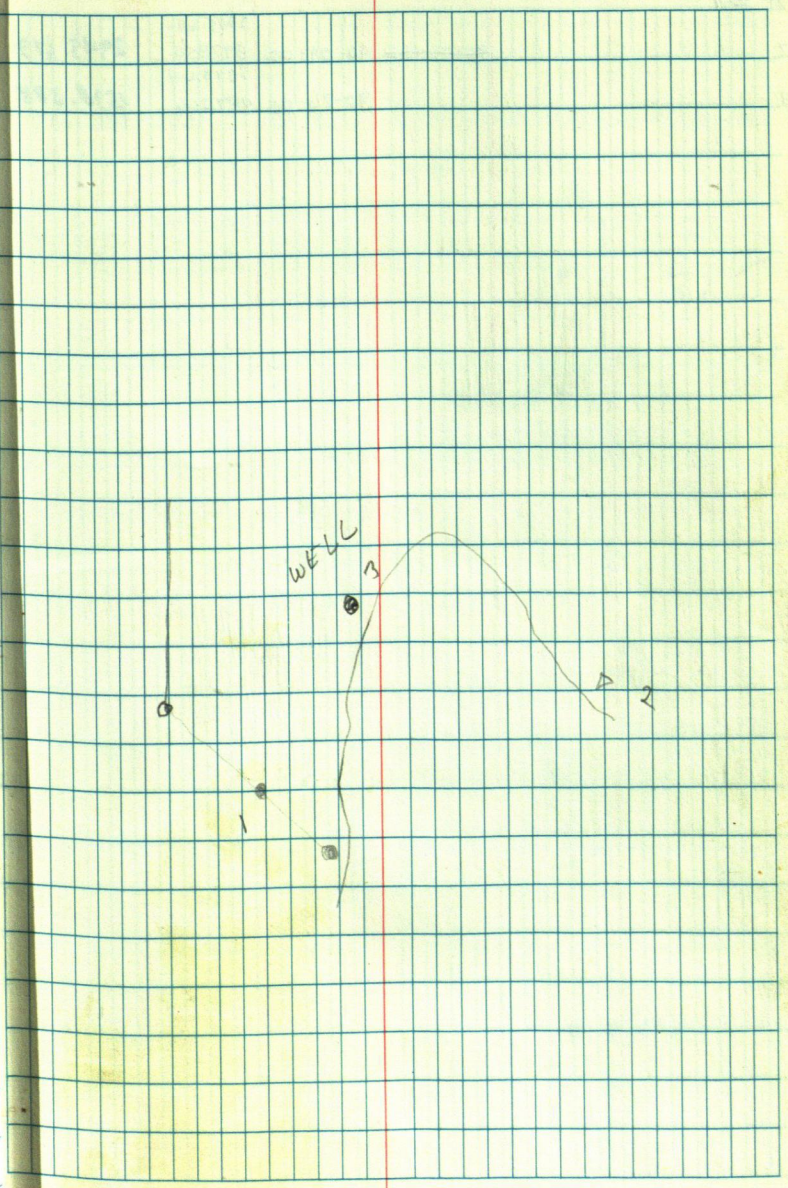
MIKE NARLETON

24 TC 1 BS 2

3 247-57-20

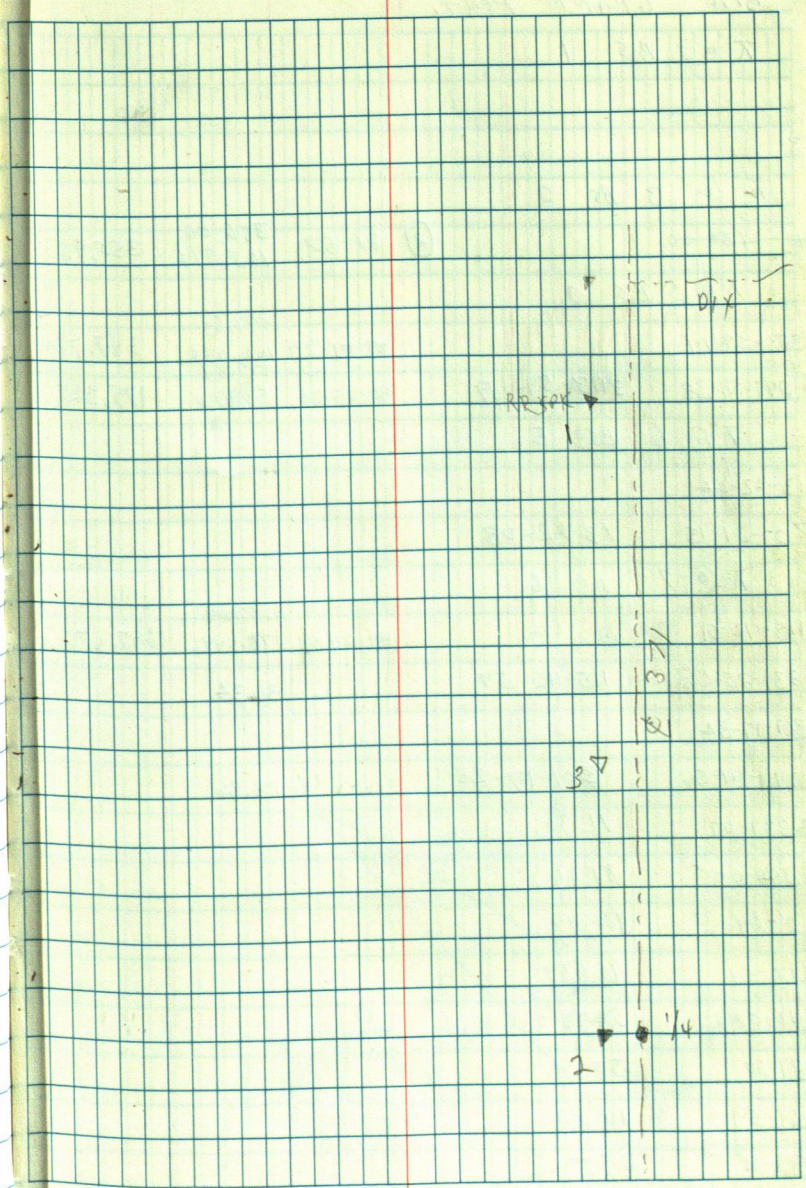
3 TC 2 BS 1

33-22-40		87-29-09	605,03 184.419	604.454
3 66-45-14	33-22-37	89-54-12	315.15 96.058	315,149



RON CROOKER JR

1			2945.69	
2	~~90-09-07~~	90-09-02	897850	2945.673
			1598.64	
3		90-26-05	487.266	1598.588



BIA GRAND PORT.

T @ 2 BS 1

3

T @ 3 BS 2

~~180-00~~ (2) 88-57 356,02 108,516 355,96

T @ 5 BS 2

303-59-14 89-01-27 547,85 166,988 547,774

6 247-58-38 303-59-19 90-05-20 175,34 53,436 175,327

T @ 6 BS 5

13-42-04

7 27-24-15 13-42-08

T @ 7 BS 6

115-42-51 89-24-45 257,69 78,544 257,676

8 231-25-58 115-42-59 36,34

301-17-34

9 242-34-56 301-17-28 133,86

A 337-07 71,30

B 348-09 81,95

C 2-04 100,45

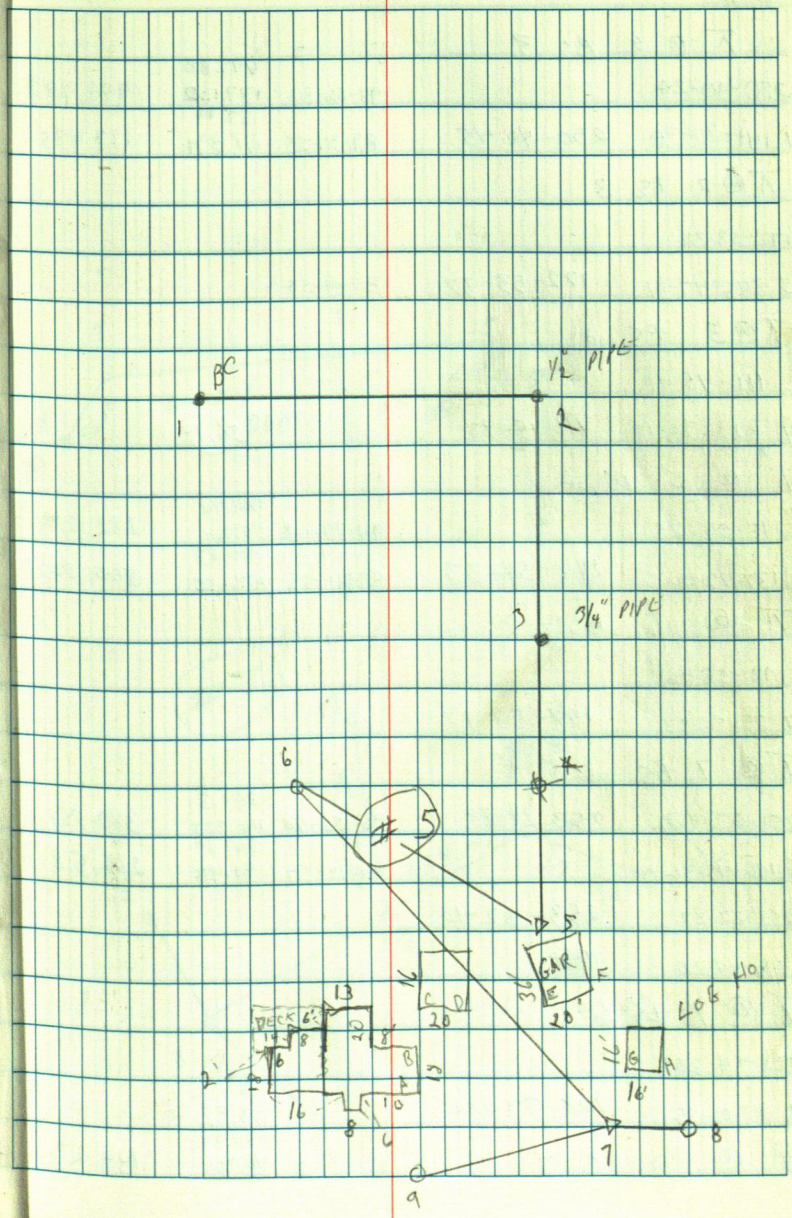
D 12-54 90,95

E 18-08 59,90

F 27-30 58,34

G 61-59 11,82

H 98-11 23,93



BIA

T @ 2 BS 3

250-40-24		92-56-30	449.88 137.122	449,283
1 141-20-30	250-40-15	89-34-55	137.44 41.891	137,435

T @ 2 BS 3

172-53-36				
5 345-47-14	172-53-37	85-54-54		

T @ 3 BS 2

111-15-10				
4 222-30-19	111-15-10		56,14	

T @ 5 BS 2

248-54-25		94-29-08	182.94 55.760	182,379
6 137-49-06	248-54-33	89-24-15	500.83 152,655	500,804

T @ 6 BS 5

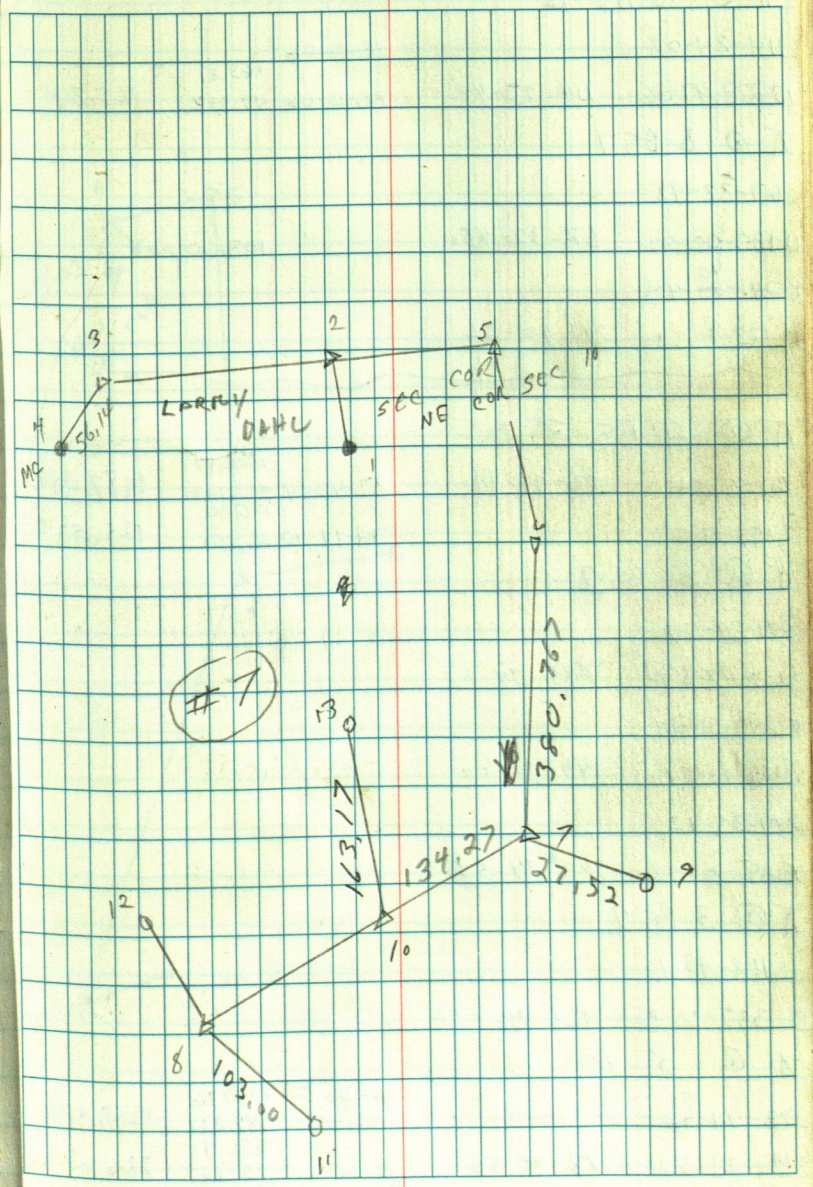
197-58-16				
7 35-56-33	197-58-17			

T @ 7 BS 6

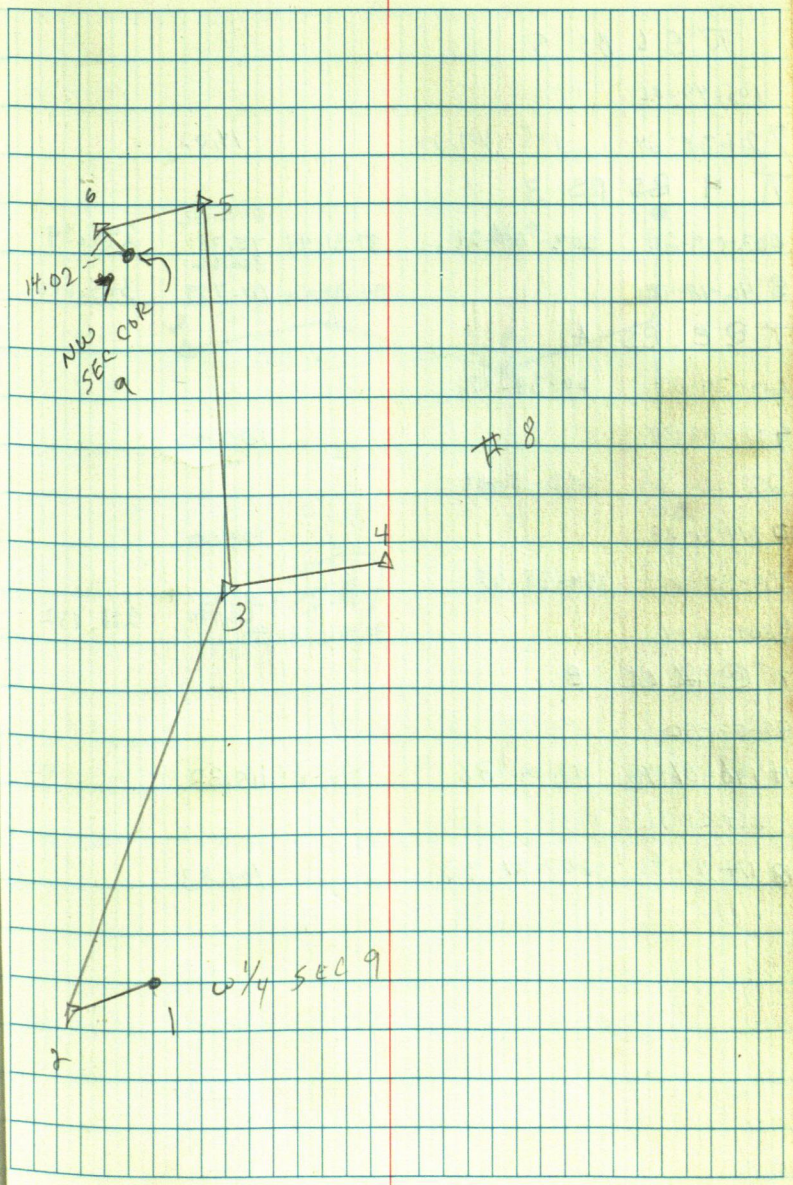
253-27-40	253-24-48	86-56-48	381.31 116.223	380.767
8 146-44-36"		94-12-57	267.30 81,476	266,58
253-22-22	253-22-10			
8 146-44-20	146			

T @ 7 BS 6

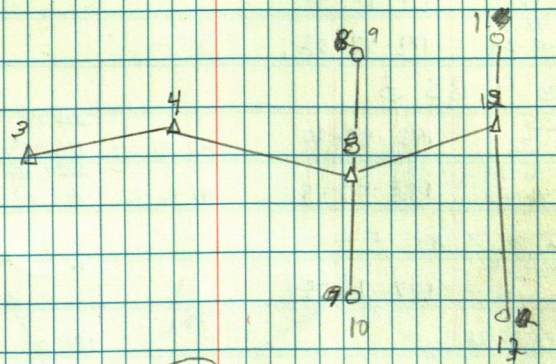
108-34-28				
9 217-06-15	108-33-08		27,52 134,51	
T @ 10	BS 7	87-01-12	40,966	134,274



T @ 10 BS 8					
	114-24-08		~~88-0-06~~		
	13 228-47-36	114-23-48	88-0-06	163.81 49.932	163.714
3 T @ 8 BS 7					
	67-32-48				
	11 135-05-30	67-32-45		103.00	
4	241-~~20~~ 40-48				
	12 123-20-51	241-40-26			
5 T @ 2 BS 3					
	76-55-54	76-55-44	87-42-54	1488.67 453.749	1487.484
	2 153-51-28		94-14-40	125.50 38.251	125.193
T @ 3 BS 2					
	~~249-34-54~~				
	4 139-09-54	249-34-27			
	* 249-35-24				
	4 139-09-54	249-34-57			
	249-35-12				
	4 139-09-42	249-34-51			
T @ 3 BS 2					
	168-45-18				
	5 337-30-00	168-45-00			
T @ 5 BS 3					
	73-44-~~42~~ 51		90-40-30	1259.96 384.039	1259.872
	6 147-29-52	73-44-56	~~92-28-48~~ 92-28-48	236.90 72.209	236.68

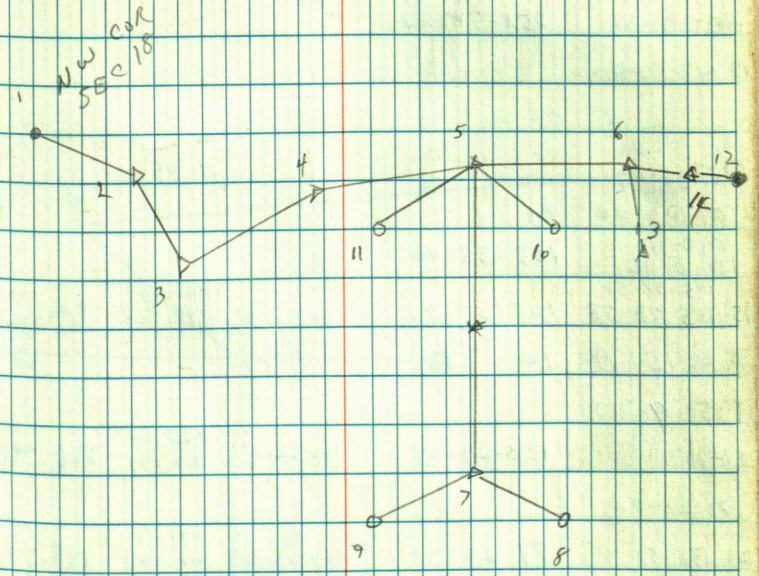


	π @ 6 BS 5			
	105-49-06			
7	211-38-24	105-49-12	14,02	
3	π 4 BS BS 3			
	203-09-27	203-09-21	87-31-44	248.62 75.781 366.66 248.39
8	46-18-42		94-20-42	111.759 365.606
	π @ 8 BS 4			
	60-34-27	60-34-17		
9	121-08-34			100.00
	252-10-30	252-10-41		
10	144-21-22			100.00
	154-58-09	154-58-07		
12	309-56-14		90-51-38	216.16 65.884 216.132
	π @ 12 BS 8			
	98-03-50			
10	196-07-12	98-03-36		115.33
	267-21-36			
13	174-43-06	267-21-33		101.83



#8

T @ 2 BS 1					
0-0-01				212.59	
180-0-09	151-33-10		274-31-40	64.798	211,927
151-33-11				931,18	
3 331-33-12	151-33-03		259-56-48	70.457	227.619
T @ 3 BS 2					
0-0-2					
180-0-16	171-48-05				
171-48-07					
4 351-48-08	171-47-52				
T @ 4 BS 3					
0-0-35				364,80	
180-0-32	192-45-39		87-41-07	111,191	364.50
192-46-14				2029,10	
5 12-46-23	192-45-51		91-36-32	618,47	2028,292
T @ 7 BS 5					
107-26-57					
	107-26-54				
8 214-53-48				128.07	
250-38-20	250-38-03				
9 141-16-06				58.64	
T @ 5 BS 4					
0-0-9					
180-0-8	270-09-03				
270-09-12				277.00	
7 90-9-15	270-09-07		91-06-35	84427	276,943
0-0-01					
11 343-47-59	343-47-50			111.54	
0-0-01					
10 206-11-21	206-11-12			75.20	
178-09-44	178-09-35		90-42-19		
6 358-9-50	178-09-42				
T @ 6 BS 5					
0-0-32	0-0-6			1559,77	
180-0-20	180-0-28	184-07-58	89-32-14	475.418	1559.706
184-7-43	184-08-04	184-07-55		861,996	
12 4-8-15	4-7-59	184-07-31	92-36-58	859.57	858,646
305-00-46	305-0-14			254.03	
13 125-0 35	305-0-15		91-19-16	77,428	253,96
				637.42	
14			57-24-08	194,288	636,86



π @ 13 BS 6

253-51-15 253-51-17

16 147-42-23 144.49

79-49-33

17 159-40-06 79-50-03 55.51 ~~45.51~~ 238.30

20 180-0-0 92-05 72.629 238.23

π @ 20 BS 17

251-58-32 251-58-20

18 143-56-40 89.55

19 110.45

π @ 14 BS 6

0-0-11

180-0-16 105-38-40

105-38-51

15 285-38-58 105-38-42 88-09-0 486.45 148.266 486.185

π @ 15 BS 14

125-29-20

24 250-58-06 125-29-03 85-44-20 227.00 69.191 226.398

25-20-33

79-25-48

22 158-51-18 79-25-39 89-40-18 148.78 45.347 148.775

293-15-12

21 226-29-54 293-14-57 89.00

193-01-54

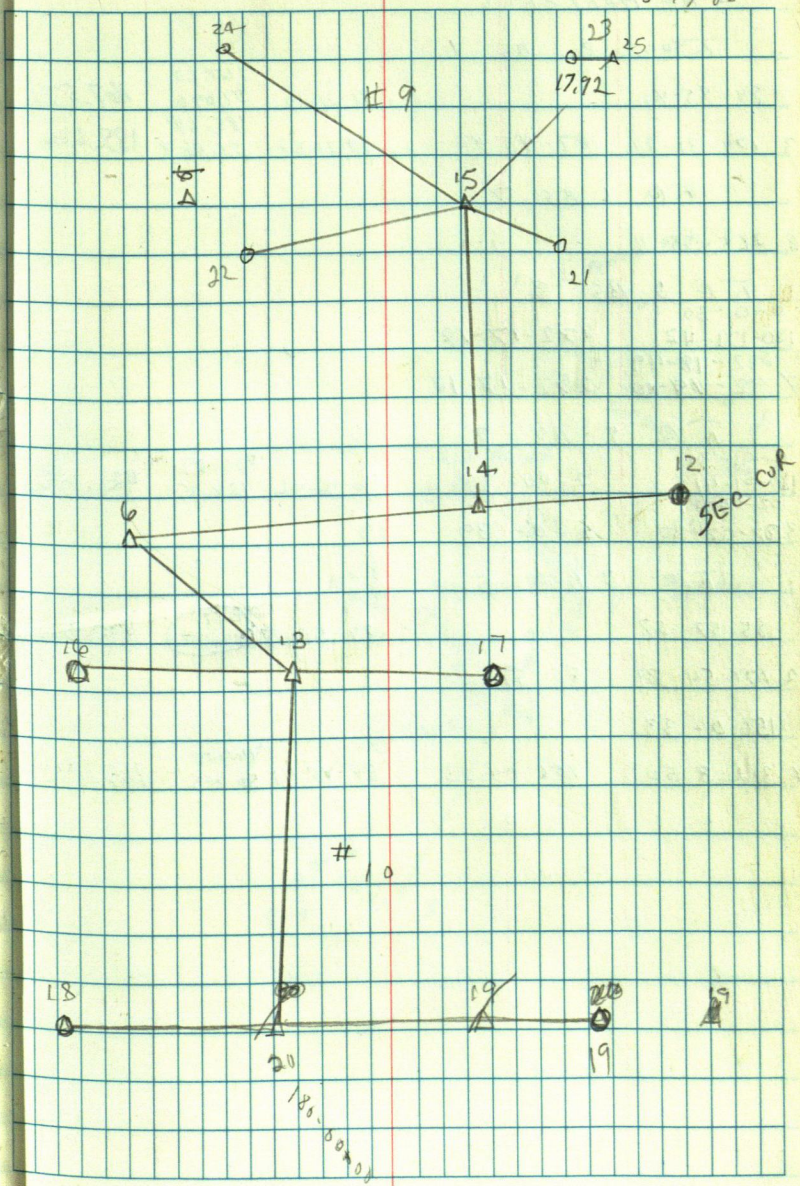
25 26-3-42 193-01-51 84-10 157.05 47.867 156.233

π @ 25 BS 15

90-31-20

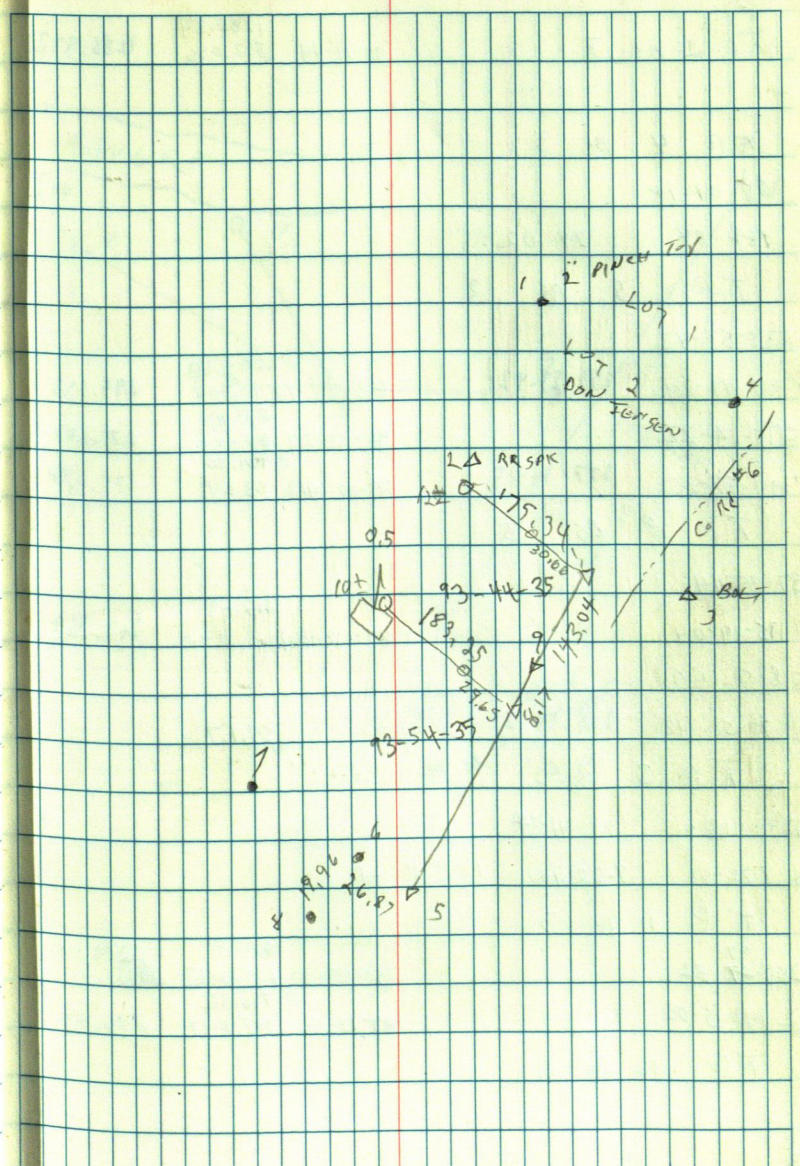
90-31-20

184-02-40

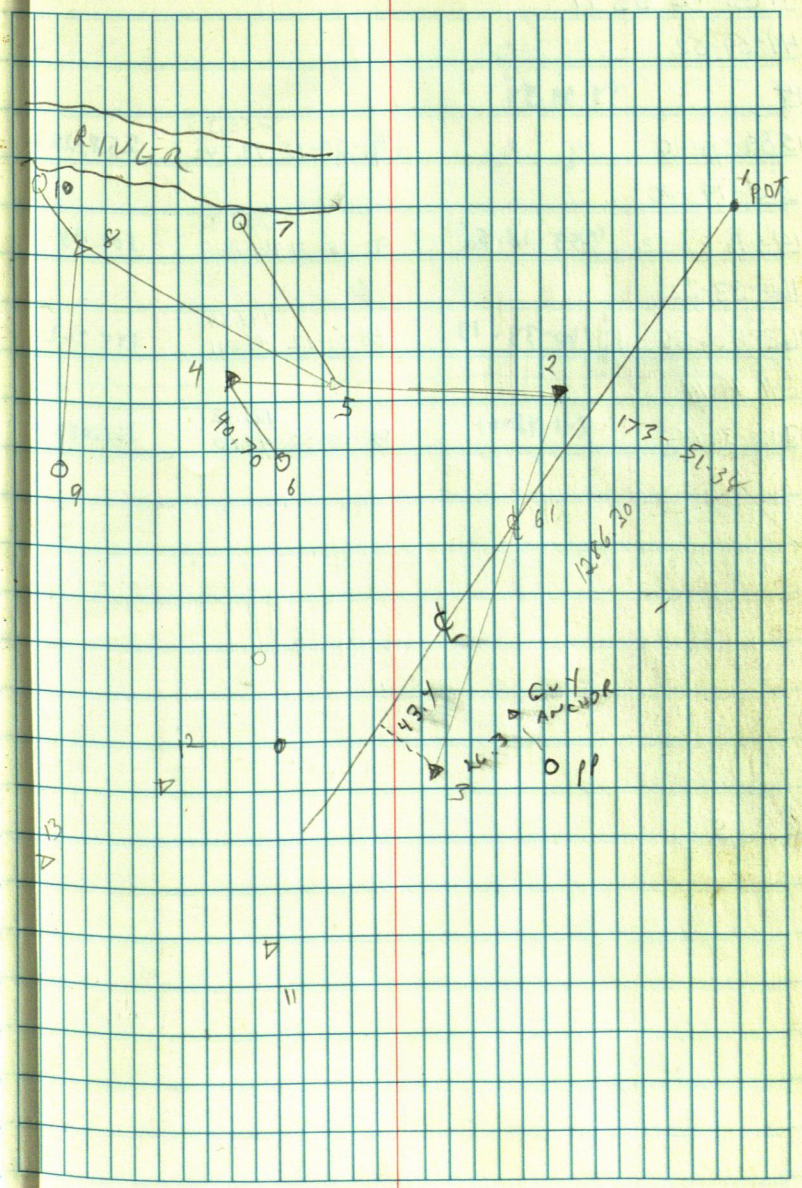


JOHN HARTZELL

	Δ @ 2 BS 1				
	89-45-42		91-21-19	167.62 51,090	167.571
3	174-31-21	89-45-40	89-21-57	185.64 56.583	185.626
	Δ @ 1 BS 7				
8	265-35-36				
	Δ @ 5 BS 3				
	0-01-30				
	180-01-42	272-17-19			
	272-18-49				
7	92-09-00	272-17-18			
	Δ @ 5 BS 9				
	0-01-31				
	180-01-41	2-00-36	90-46-56	421.09 128.359	421.055
	02-02-09				
3	182-02-20	2-0-39			
	Δ @ 3 BS 5				
	85-57-27		89-53-27	248.571 815.57	815.516
2	171-54-39	85-57-20			
	156-04-33				
4	312-8-50	156-04-25	87-45-41	166.02 50.603	165.892



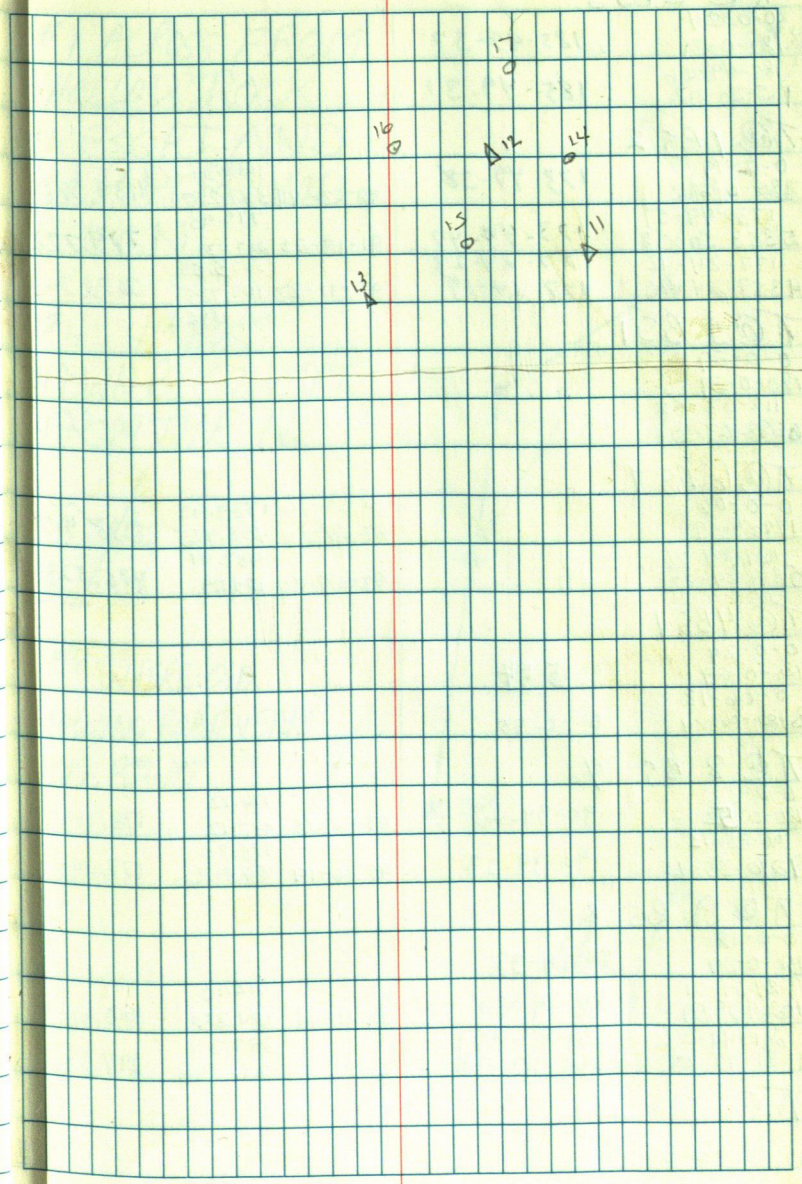
				1286.34	
∧ @ 2	BS 3		90-14-44	392.076	1286.322
∧ @ 4	BS 2				
94-01-18					
6 188-04	94-02				
∧ @ 5	BS 2				
233-53-42					
				295.62	
8 107-47-24	233-53-42		88-37-18	90.104	295.532
				275.69	
277-14-22			90-59-27	84.031	275.649
				174.70	
7 194-28-30	277-14-15		89-07-41	53.247	174.676
8 ∧ @ 8	BS 5				
87-39-44					
				213.39	
9 175-19-04	87-39-32		89-07-54	65.044	213.369
218-56-45					
10 77-52-42	218-56-21			54.67	
∧ @ 3	BS 2				
183-41-38	183-41-34				
11 7-22-40	7-22-40	183-41-21			
∧ @ 11	BS 3				
				2210.11	
254-07-32			89-43-10	673.643	2209.898
				796.72	
12 148-15-00			89-18-56	242.842	796.671
∧ @ 12	BS 11				
13					



T @ 12 BS 11

44-59-62

14		44-59-53			
15	89-59-46		91-29-12	258.34 78.742	258.252
	393-19-00				
14	346-37-52	353-18-51	91-16-4	202.98 461.369	202.93
	160-33-22				
16	321-06-26	160-33-13	88-51-12	144.39 44.011	144.362
	241-48-14				
17	123-36-16	241-48-01	88-05-57	161.12 49.110	161.092



T@ 2 BS 3

0-0-24				
180-0-31	185-49-32			
185-49-56				
5-50-02	185-49-31			

T@ 1 BS 2

0-0-19			1139.37	
180-0-26	173-49-38	90-07-44	347.287	1139,376
173-49-57			779.95	
5353-50-08	173-49-42	91-13-28	237.731	779,772
177-24-42	177-24-23		3673.33	
4357-24-45	177-24-19	90-11-22	1119.725	3673,314
			.644	

T@ 5 BS 1

0-0-29				
180-0-31				
118-02-58				
298-03-01				

T@ 6 BS 7

0-0-06			1339.97	
179-59-59		27-44-04	408.423	1338.917
161-34-26			407.41	
5341-34-27		93-04-26	124.79	406,823

T@ 4 BS 1

0-0-24				
180-0-29	0-05-54			
0-06-18				
8180-06-24	0-05-55			

T@ 8 BS 4

0-0-52			176.22	
180-0-52	90-34-23	89-52-35	53.712	176,219
90-35-15			178.30	
9270-35-15	90-34-23	95-36-19	54.346	177,447

T@ 9 BS 8

0-0-18				
180-0-29	84-29-33			
84-29-51			408.10	
10264-29-59	84-29-30	88-41-44	124.333	407,991
261-44-01	261-43-43		297.24	
11 81-44-05	261-43-36	90-05-31	90.594	297,231

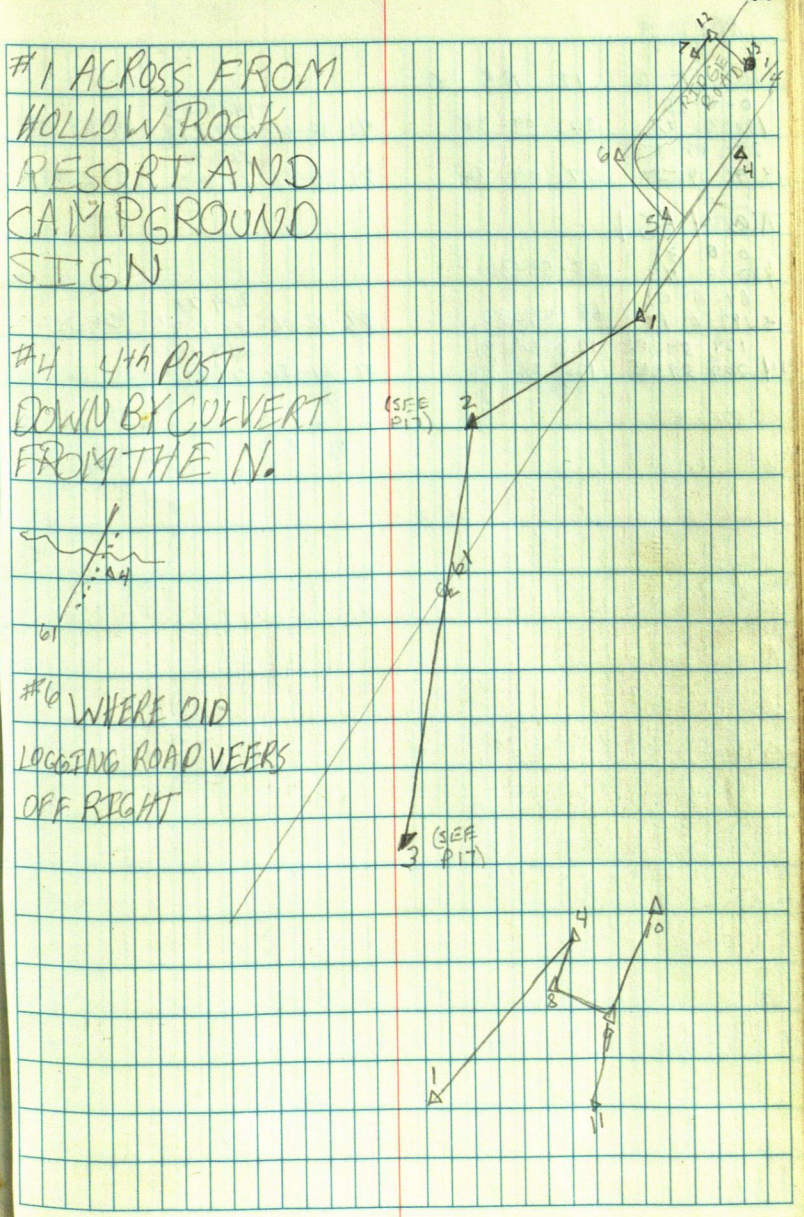
T@ 7 BS 6

12 180-0-0				

#1 ACROSS FROM HOLLOW ROCK RESORT AND CAMPGROUND SIGN

#4 4TH POST DOWN BY CULVERT FROM THE N.

#6 WHERE OLD LOGGING ROAD VEERS OFF RIGHT

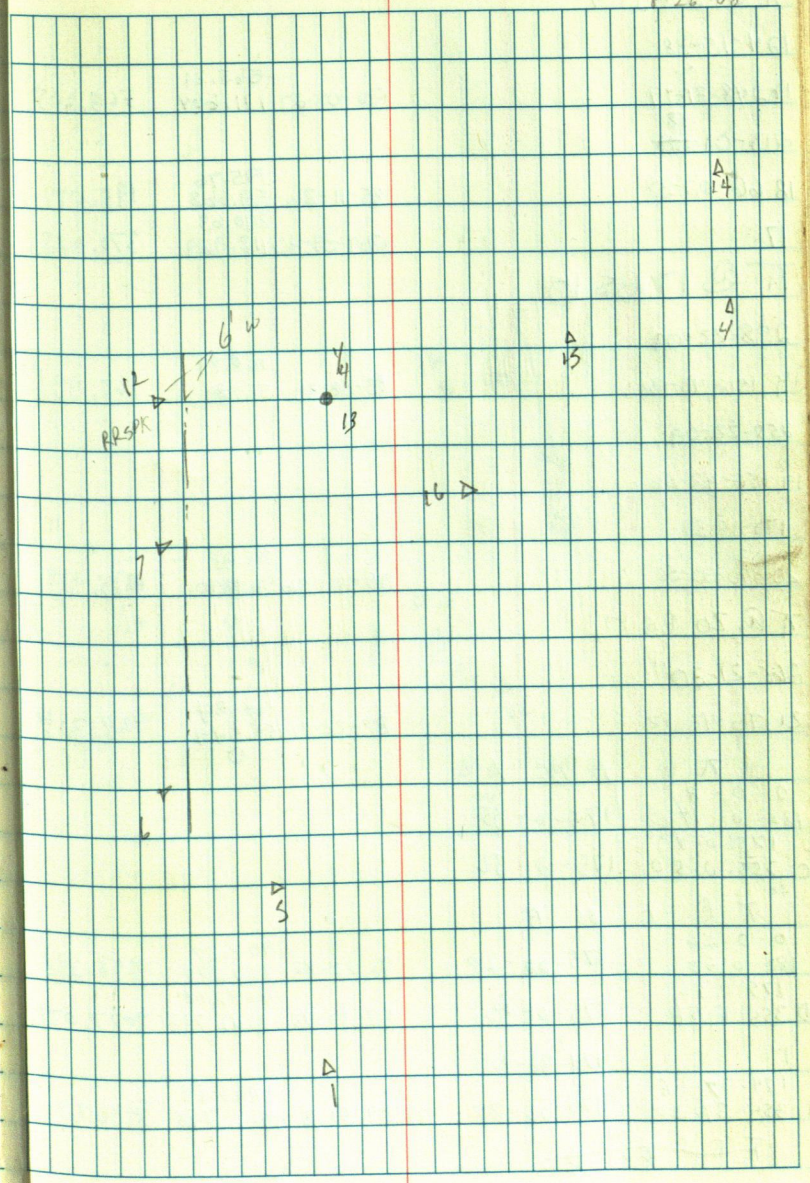


E. EVKO
T. KUCHOFSKI 20

8-26-88

BLA

T @	12 BS	C		
0-0-15			1434.63	
181-0-17	271-09-38	92-38-38	437.273	1433.093
271-09-53			223.40	
13 91-09-51	271-09-34	89-29-33	68.092	222.984
T @ 4 BS 1				
0-0-31				
180-0-43	68-59-30			
64-0-01			289.78	
15 249-0-13	68-59-30	86-36-06	88.327	289.266
129-59-02	129-58-31		262.11	
14 309-59-05	129-58-22	86-21-50	79.891	261.581



T @ 15 BS 4

124-15-38

16 248-31-19 — 90-03-27 — 563.21 / 171.664 — 563.203

213-01-~~30~~ 18

18 66-02-38 — 85-11-36 — 195.76 / 59.668 — 195.071

17 — 269-39-40 — 370.63 / 112.969 — 370.623

T @ 17 BS 15

258-22-07

19 156-43-56 — 83-58-39 — 168.27 / 51.289 — 167.336

258-22-09

19 156-43-56

170-15-33

20 340-30-52 — 90-10-56 — 315.93 / 96.290 — 315.918

T @ 20 BS 17

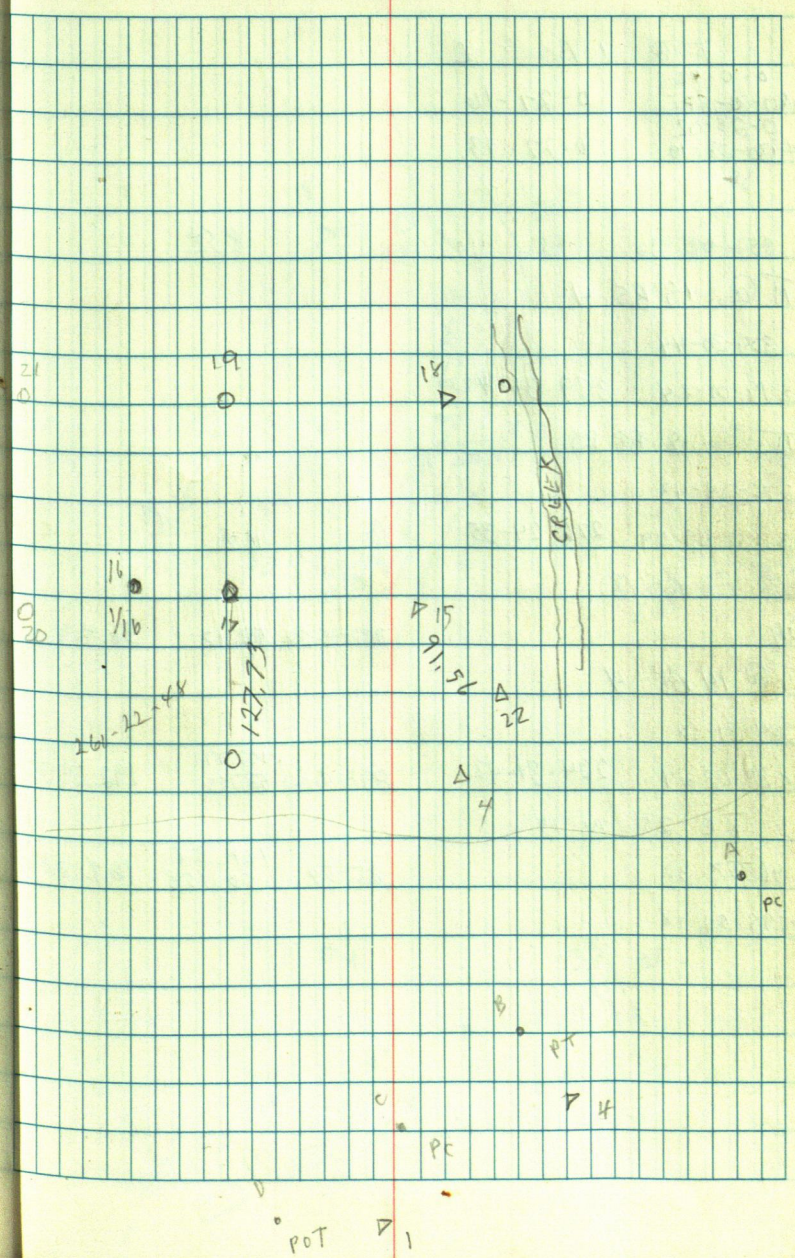
265-21-30

21 170-42-32 — 82-20-49 — 165.84 / 50.549 — 164.364

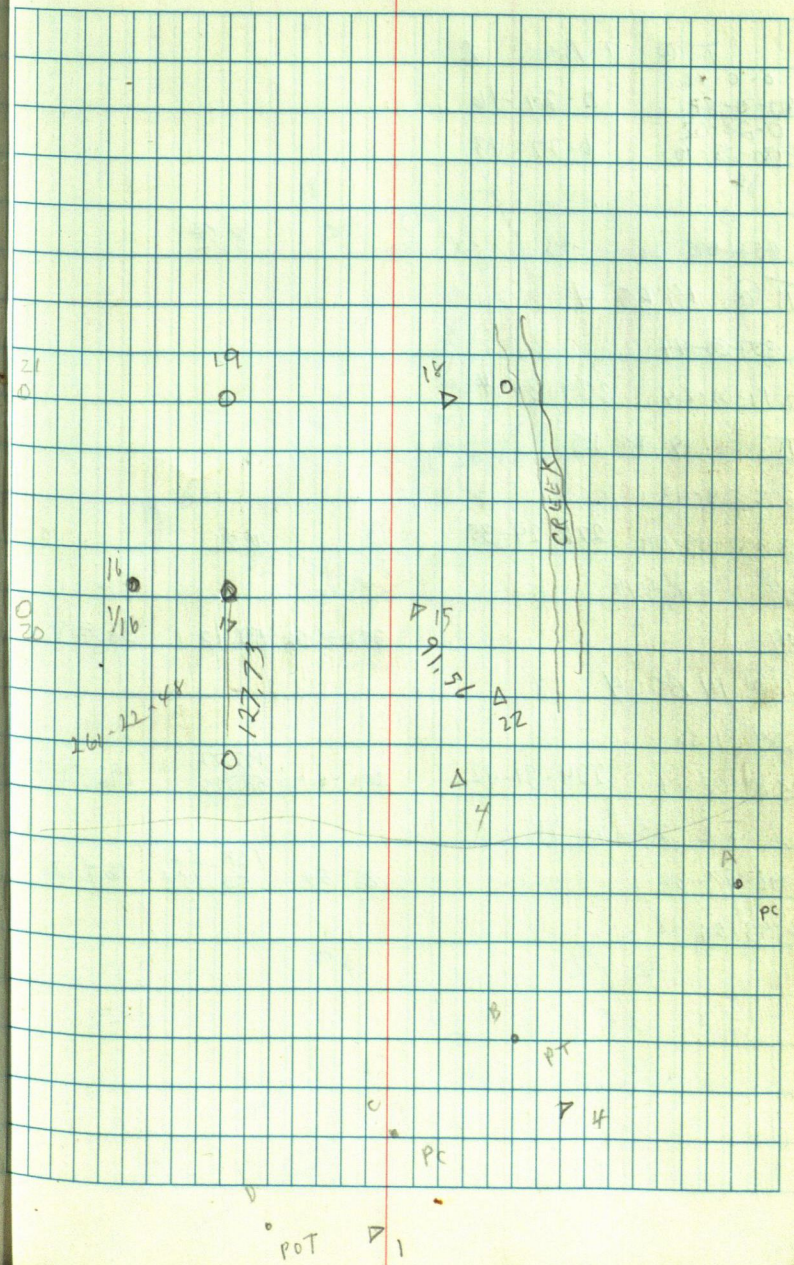
	T @	B BS	A
	0-0-8		
	180-0-14	175-0-35	
	175-0-47		
C	355-0-50	175-0-36	

	T @	C BS	B
	0-0-26		
	180-0-50	175-00-20	90-22-40 — 998.27 / 304.225 — 998.248
	175-0-46		
D	355-0-56	175-0-06	89-50-45 — 4077.10 / 1242.703 — 4077.072
	1	174-36-40	
	174-37-06		
1	354-37-20	174-36-30	89.51.15 — 3486.69 / 1062.748 — 3486.671

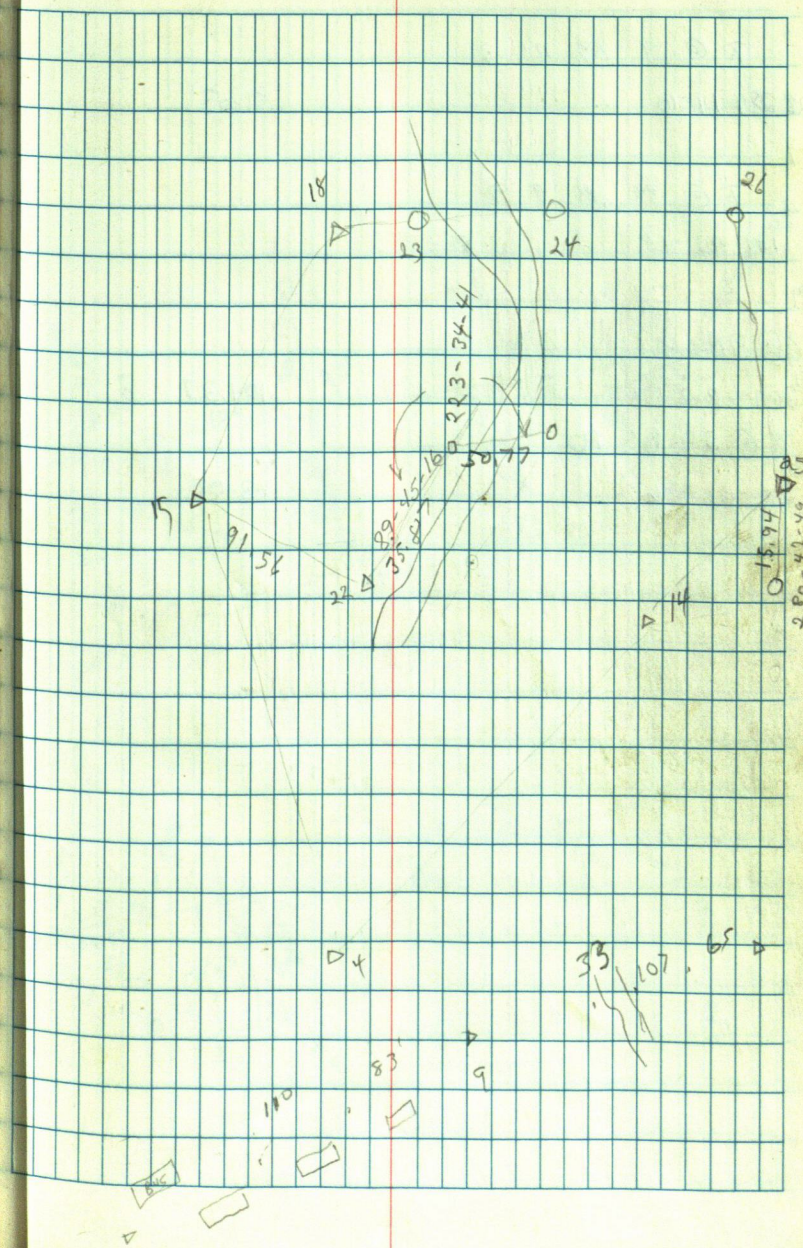
~~T @ 1 BS B~~



T @ 15 BS 4				
124-15-38				
16 248-31-19		90-03-27	563.21 171.664	563.203
213-01-~~30~~ 18				
18 66-02-38		85-11-36	195.76 59.668	195.071
17		269-59-40	370.63 112.969	370.623
T @ 17 BS 15				
258-22-09				
19 156-43-56		83-58-39	168.27 51.289	167.336
258-22-09				
19 156-43-56				
170-15-33				
20 340-30-52 170-15-06		90-10-56	315.93 96.290	315.918
T @ 20 BS 17				
265-21-30				
21 170-42-32		82-20-49	166.84 50.549	164.364
T @ B BS A				
0-0-8				
180-0-14	175-0-35			
175-0-43				
C 355-0-50	175-0-36			
T @ C BS B				
0-0-26			998.27	
180-0-50	175-00-20	90-22-40	304.275	998.248
175-0-46			4077.10	
D 355-0-56	175-0-06	89-50-45	1242.703	4077.072
1	174-36-40			
174-37-06			3486.69	
1 354-37-20	174-36-30	89-51-15	1062.748	3486.671
~~T @ 1 BS B~~				



T @	1 BS	L		
0-0-46				
180-0-52	0-27-16			
0-28-02				
180-28-10	0-27-13			
~~337-08-30~~			85*	
T @, 1.5 BS 4				
339-30-44				
22 319-01-24	339-30-42			
T @ 18 BS 15				
276-24-43				
23 192-49-09	276-24-35		48.21	
T @ 23 BS 18				
24			252-35-58 59.12	56.414
T @ 14 BS 4				
224-31-58				
25 89-03-24	224-31-42		89-24-52 192.77 58.755	192.757
T @ 25	BS 14			
96-57-30			85-54 164.56 50.158	164.138
26 193-54-48				



T @ 9 BS 11

28 284-14-10 51.63

T @ 30 BS 9

181-02-18

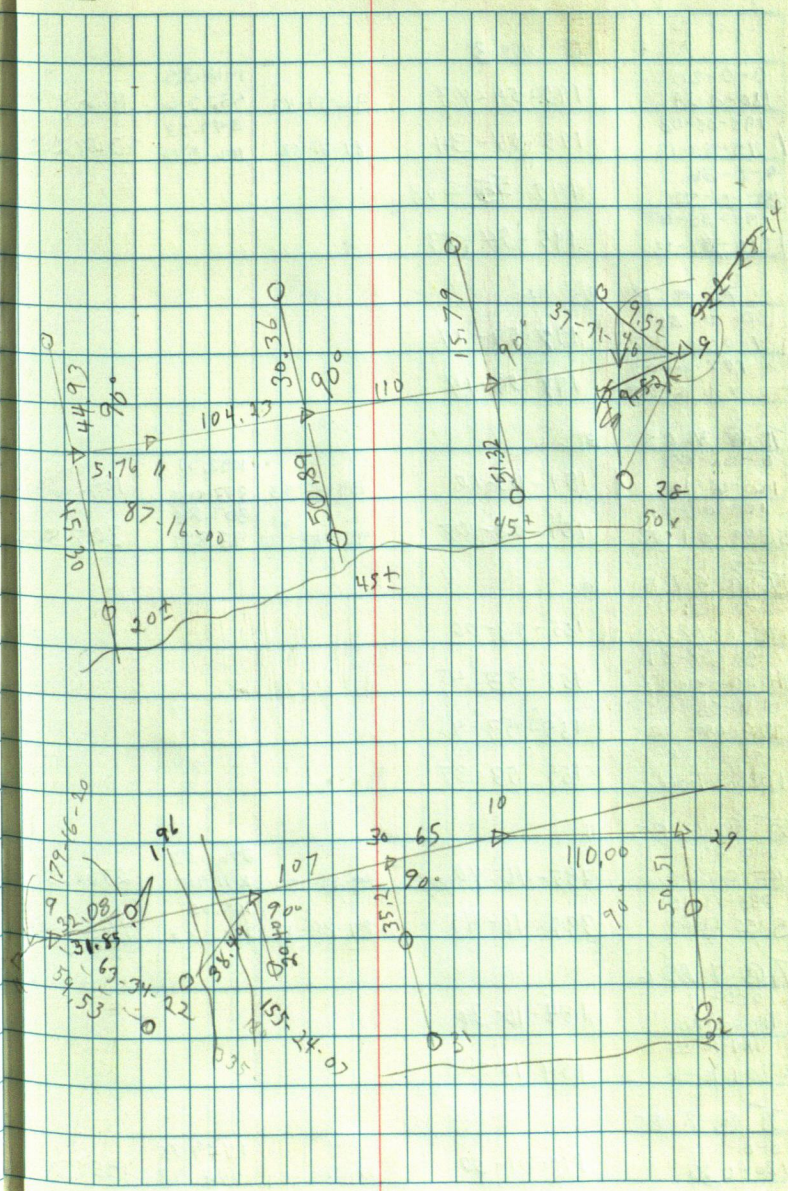
29

T @ 30 BS 9

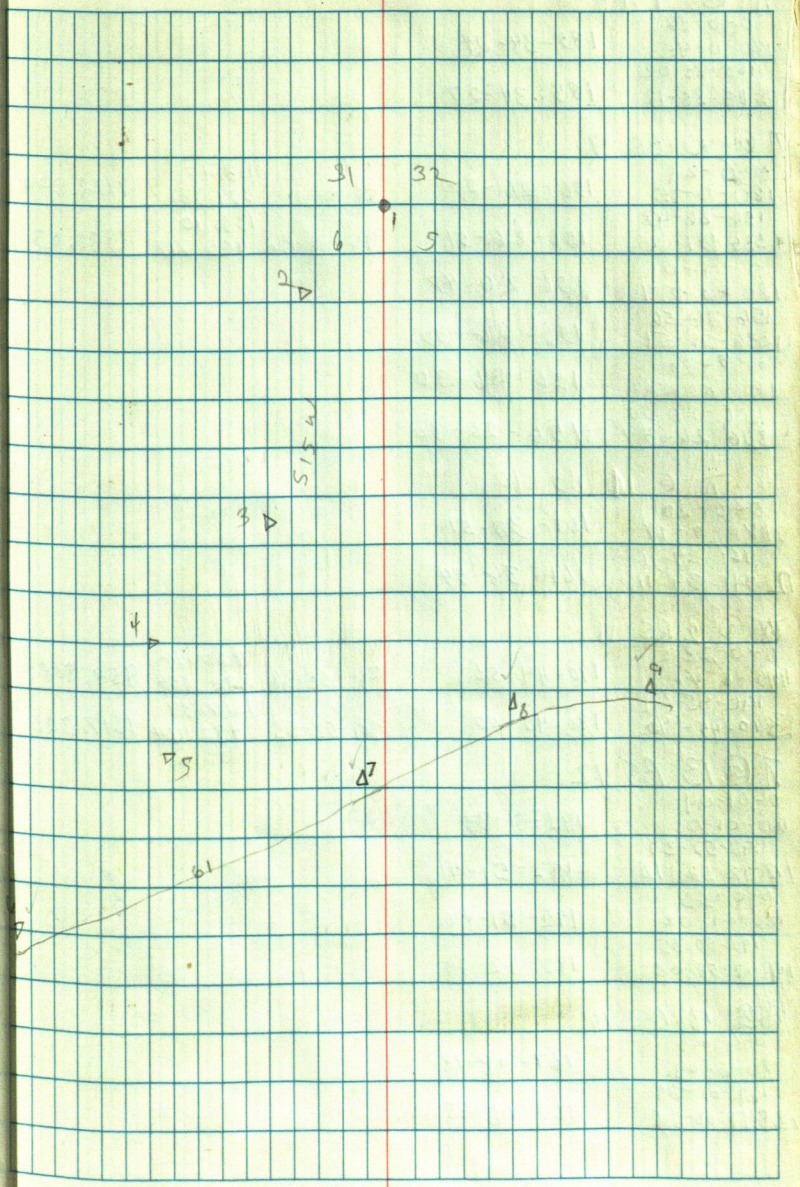
31 2169-38-27 104.37

T @ 29 BS 10

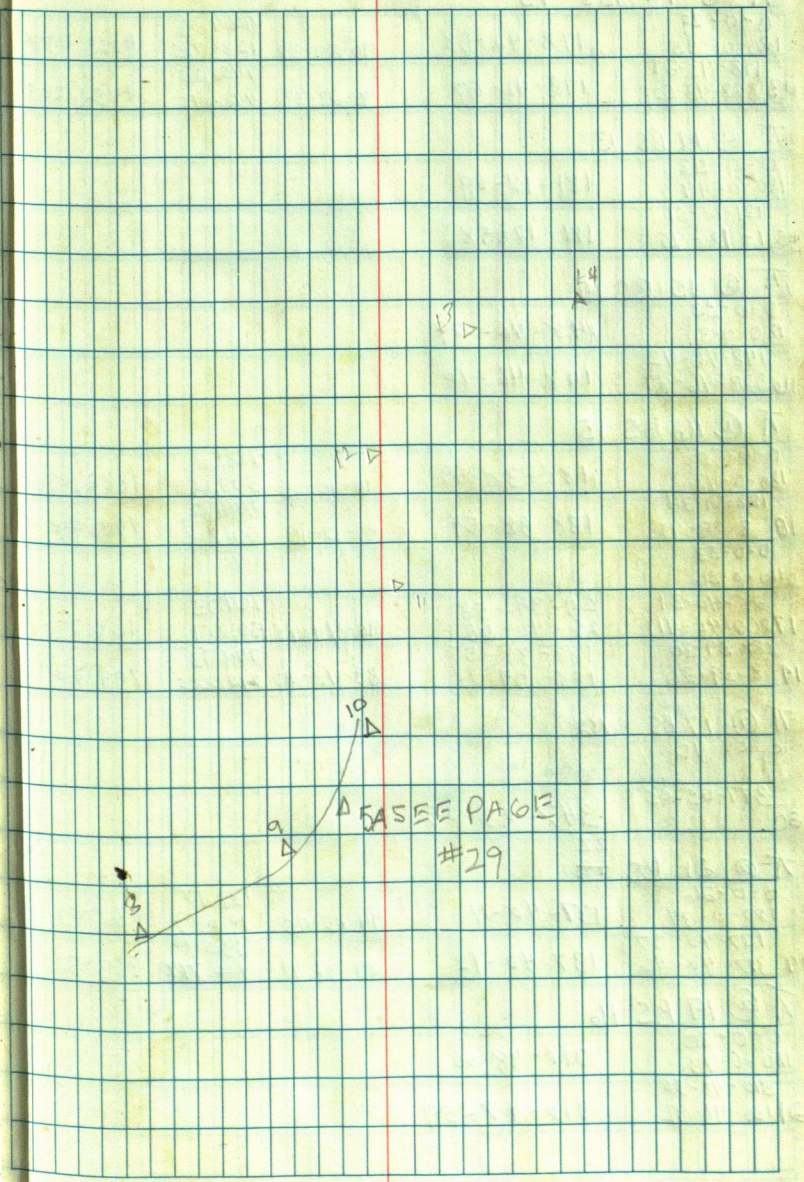
32 270-05-56 113.06



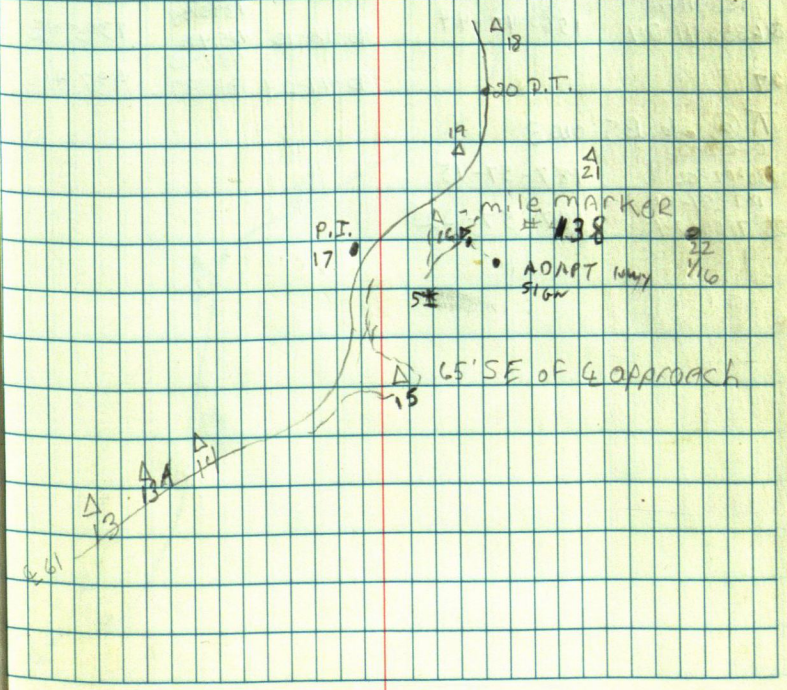
	π @ 2 BS 3				
	0-0-20			1418.35	
	180-0-39	195-54-43	92-57-43	432.316	1416.454
	195-55-03			349.53	
B	15-55-13	195-54-34	87-31-58	106.536	349.202
	0-0-36				
	180-0-40	195-55-08			
	195-55-08				
1	15-55-13	195-54-33			
	π @ 3 BS 2				
	2-0-55				
	180-0-55	197-59-14			
	197-0-09				
4	17-0-09	197-59-14			
	π @ 4 BS 3				
	0-01-09			1092.71	
	180-01-16	159-03-10	89-26-53	373-061	1092.659
	159-04-19			307.84	
5	339-04-23	159-03-07	92-40-30	93.831	307.505
	π @ 5 BS 6				
	0-01-21				
	180-0-58	155-53-06			
	155-54-27				
4	335-54-43	155-53-45			
	0-0-53				
	180-0-59	155-53-45			
	155-54-28				
4	335-54-36	155-53-37			
	π @ 6 BS 7				
	0-0-29			2761.52	
	180-0-36	335-16-46	89-27-10	841.717	2761.391
	335-17-15			969.65	
5	155-17-21	335-16-45	87-38-12	295.552	968.825
	π @ 7 BS 6				
	0-0-14				
	180-0-20	184-16-39			
	184-16-53				
8	04-16-58	184-16-38			
	π @ 8 BS 7				
	0-0-34			1459.75	
	180-0-38	192-01-50	89-59-57	444.93	1459.741
	192-02-24			1198.79	
9	12-02-35	192-01-57	91-22-50	365.392	1198.438



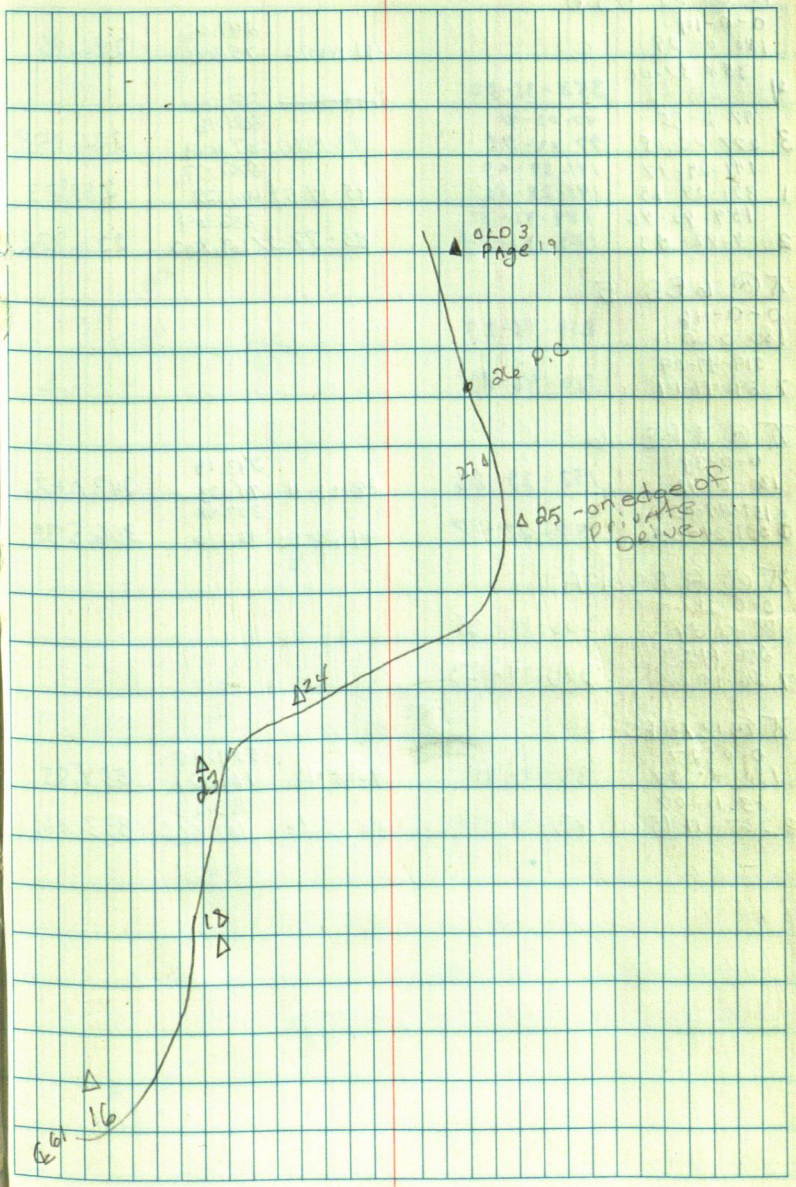
T @ 9 BS 8				
0-0-38				
180-0-46	185-34-24			
185-35-02				
10 05-35-12	185-34-27			
T @ 10 BS 9				
0-0-21			1113.47	
180-0-15	156-26-27	88-10-41	339.384	111.2.894
156-26-48			1331.10	
11 331-27-06	156-26-51	90-32-46	405.717	1331.03
0-0-09				
180-0-27	156-26-47			
156-26-56				
336-26-57	156-26-30			
0-0-28				
180-0-02	156-26-30			
156-26-50				
336-26-57	156-26-30			
T @ 10 BS 10				
0-0-20				
180-0-19	161-38-51			
161-39-11				
12 341-39-17	161-38-54			
T @ 12 BS 11				
0-0-28			960.14	
180-0-40	190-44-56	91-30-38	272.654	959.808
190-45-24			1617.33	
13 10-45-40	190-45-00	89-52-53	492.964	1617.326
T @ 13 BS 12				
0-01-04				
180-01-01	192-51-33			
192-52-37				
14 12-52-42	192-51-41			
0-0-55				
180-01-08	192-51-40			
192-52-35				
14 12-53-08	192-52-00			
T @ 13 BS 14				
0-0-11				
186-0-09	167-08-18			
167-08-29				
12347-08-24	167-08-15			



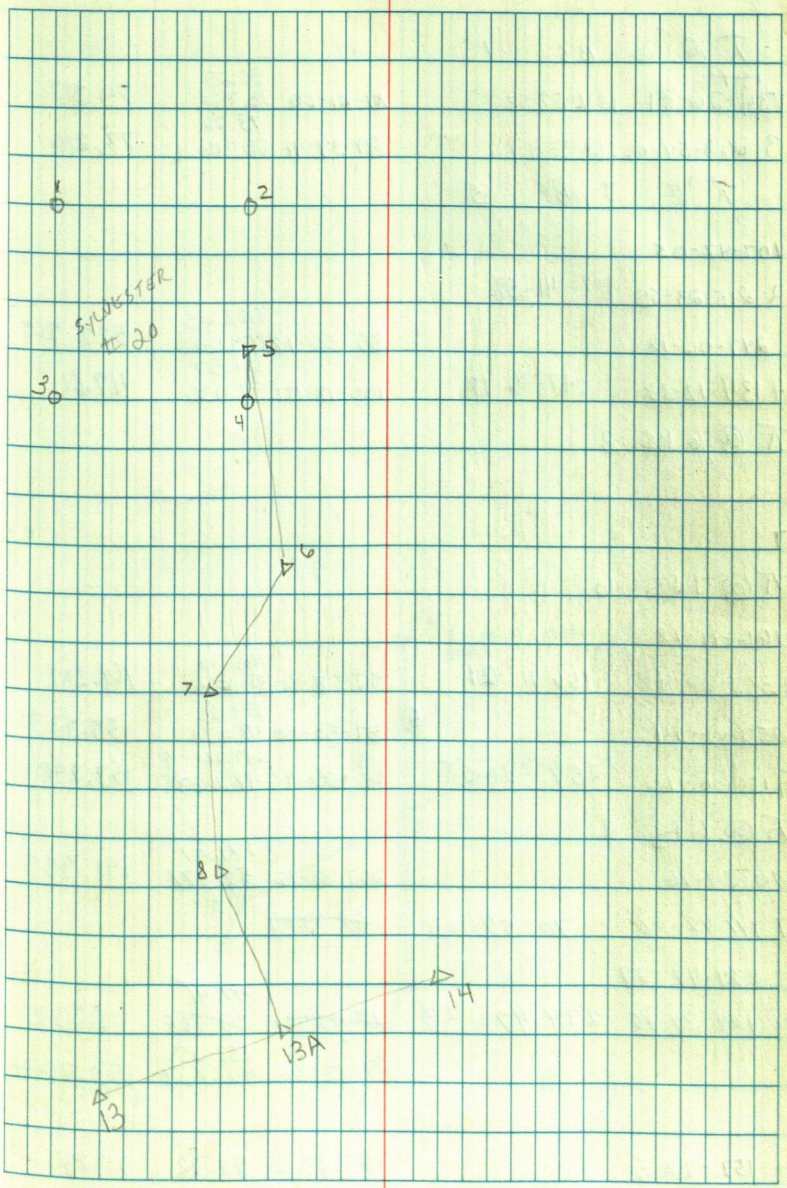
π @ 14 BS 15					
0-0-29				4064.33	
180-01-45	178-42-58	90-29-38		1238.755	4064.074
178-43-27				1452.25	
13 358-43-52	178-41-07	90-23-39		442.642	1452.203
π @ 14 BS 13					
0-0-42					
180-0-49	181-18-09				
181-18-51					
151-18-45	181-17-58				
π @ 15 BS 14					
0-0-33					
180-0-37	148-46-09				
148-46-42					
16 328-46-47	148-46-10				
π @ 16 BS 15					
0-0-35				1882.11	
180-0-48	188-38-59	90-10-35		573.669	1882.096
188-39-34				1941.62	
18 8-39-42	188-38-54	89-12-10		591.805	194.46
0-0-33					
180-0-36					
25-40-31	25-39-58			164.75	
17 205-40-41	25-40-05	90-44-41		50.217	164.737
188-39-30	188-38-57			794.73	
19 8-39-36	188-39-00	89-42-40		242.235	794.719
π @ 17 BS 16					
0-01-40					
347-05-05					
20	347-03-25				
π @ 21 BS 22 +9					
0-0-26				132.17	
180-0-34	137-40-11	94-35-05		40.083	131.743
137-40-37				330.44	
19 317-40-46	137-40-12	89-36-41		100.717	330.432
π @ 19 BS 16					
0-0-30					
180-0-43	310-48-00				
310-48-30					
21 130-48-47	310-47-59				



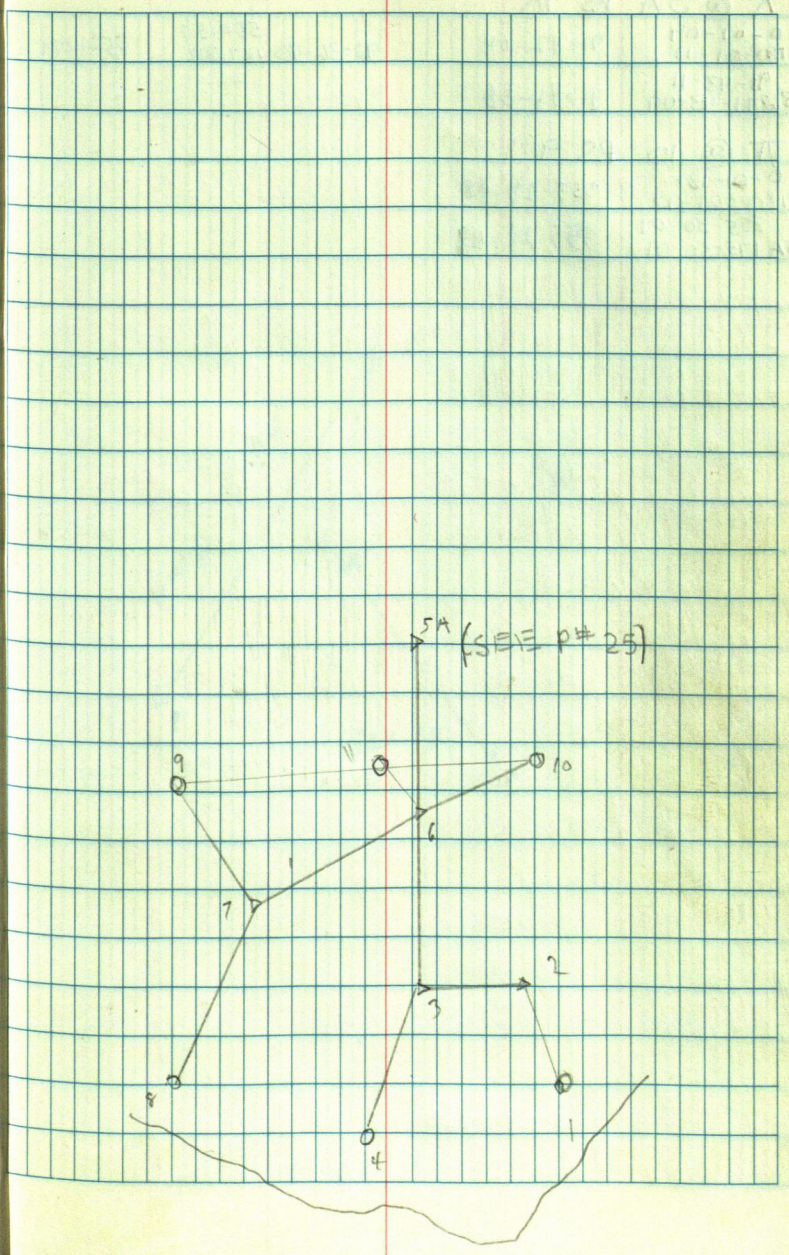
π @ 18 BS 16				
0-0-24				
180-0-27	168-16-17			
168-16-41				
23 348-16-44	168-16-17			
π @ 23 BS 18				
0-01-540			1119.44	
180-01-04	198-35-13	90-24-33	341.207	1119.409
198-36-23			1060.72	
24 18-36-28	198-35-24	91-42-24	223.309	1060.247
π @ 24 BS 25				
0-01-41				
180-01-43	160-43-37			
160-45-18				
23 340-45-18	160-43-35			
π @ 25 BS 24				
0-0-33			3081.82	
180-0-40	156-40-49	89-34-10	939.354	3081.728
156-41-22			1395.99	
26 336-41-24	156-40-44	90-18-10	425.499	1395.966
			437.45	
27		90-47-04	133.337	437.411
π @ 26 BS 003				
0-02-06				
180-02-02	187-57-15			
187-59-21				
25 7-59-24	187-57-22			



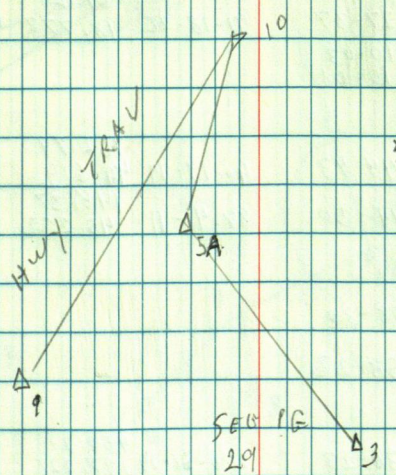
T @ 5 BS 6					
	0-0-14			247.06	
	180-0-29		93-59-22	75.304	246.46
	358-37-06				
4		358-36-52	~~103-58-30~~	28.606	
	97-2-55	97-02-41		221.16	
3	277-03-05	97-02-36	89-57-12	67.409	221.158
	141-29-17	141-29-03		288.57	
1	321-29-25	141-28-56	85-34-53	86.128	281.73
	189-42-46	189-42-32		222.64	
2	9-42-53	189-42-24	85-37-57	67.860	221.972
T @ 6 BS 5					
	0-0-46				
	180-0-50	219-46-23			
	219-47-09				
7	39-47-14	219-46-24			
T @ 7 BS 6					
	0-0-39			243.19	
	180-0-48	157-23-26	88-03-31	74.123	243.047
	157-24-05			307.48	
8	337-24-05	157-23-17	94-29-51	93.720	306.532
T @ 8 BS 13A					
	0-0-28				
	180-0-39	206-14-25			
	206-14-53				
7	26-15-02	206-14-23			
T @ 13A BS 13					
	0-0-27			554.85	
	180-0-33	83-10-41	90-8-12	169.121	554.85
	83-11-07			353.23	
8	263-11-15	83-10-42	88-13-16	107.666	353.061



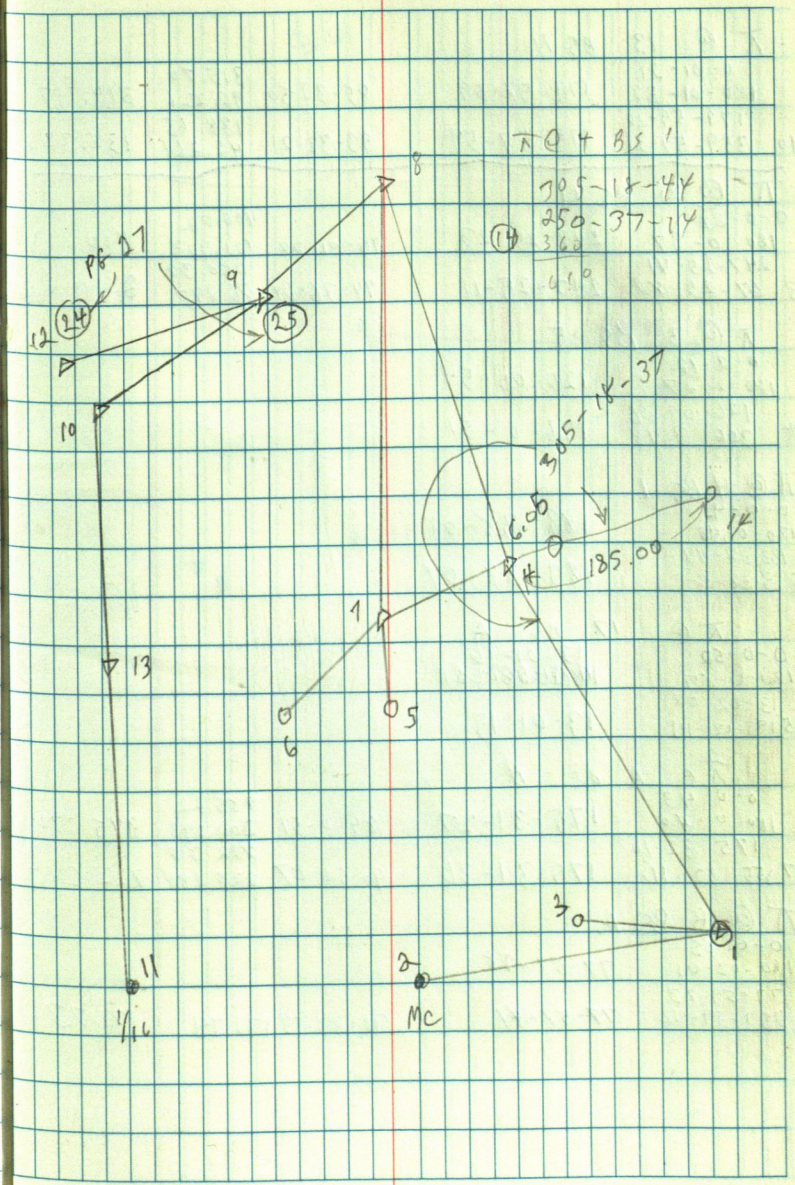
	T @ 2	BS	1			
1	~~134~~ 134-26-37	134-27-52		191-51-00	55.29 16.852	51.317
2	3 268-54-06	268-55-14		89-39-41	73.22 22.316	73.246
	T @ 3	BS	5			
1	107-42-05					
2	215-23-55	107-41-58				
	247-06-18			85-50-18	523.65 159.610	522.269
4	134-12-33	247-06-17		100-18-07	121.57 37.055	119.61
	T @ 6	BS	3			
	7					
	T @ 7	BS	6			
	166-11-18					
8	332-22-42	166-11-21		97-53-50	165.73 50.530	164.208
	257-0-14		(5)	87-50-50	159.55 48.631	159.437
9	154-0-16	257-00-08		85-50-45	157.72 48.069	157.298
	T @ 6	BS	3			
	70-54-10			267-33-12	191.51 58.371	191.333
7	141-48-06	70-54-03		~~87-49-07~~		
	234-47-29					
10	109-34-45	234-47-23		~~87-49-04~~	~~111.41~~ ~~33.958~~	111.322
				87-12-26	153.45 46.831	153.464
11	152-28-51			84-55-20	96.22	95.84



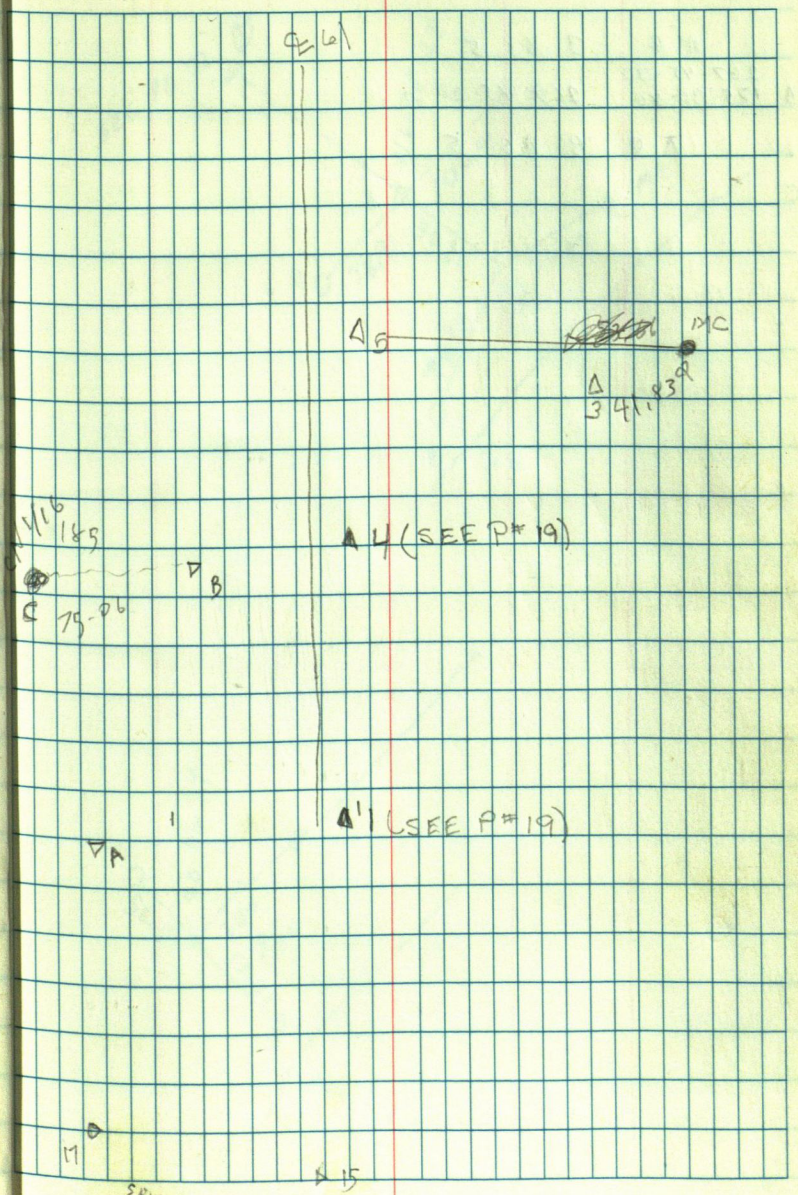
T @ 5A	BS 10			
0-01-07			550.57	
180-01-11	91-42-04	92-36-40	167.812	550.001
91-43-11				
3 271-43-09	91-41-58			
T @ 10	BS 9			
0-01-13				
180-01-12	359-28-48			
355-30-01				
5A 175-30-01	359-28-49			



	π @ 1	BS 2				
5	0-0-25 180-0-38	5-28-27	90-41-04	483.06 147.234	483.019	
3	5-28-52 185-28-58	5-28-20	91-09-33	185.19 56.448	185.154	
4	64-13-04 244-13-15	64-12-38 64-12-37	89-10-42	273.50 83.365	273.474	
5	π @ 4	BS 1				
	0-0-32 180-0-50	141-27-39				
5	141-28-11 321-28-27	141-27-37	91-18-26	61.60 18.772	61.578	
7	147-10-35 327-10-51	147-10-03 147-10-01				
	π @ 7	BS 4				
	0-01-27 180-1-18	141-44-43	90-19-19	162.79 49.619	162.748	
6	141-46-10 321-46-08	141-44-50	88-41-11	148.37 45.272	148.348	
	π @ 4	BS 8				
	0-0-42 180-0-51	311-58-30				
7	311-59-12 131-59-13	311-58-22				
	π @ 8	BS 9				
	0-0-29 180-0-28	270-36-23	270-26-29	450.21 137.226	450.198	
4	270-36-52 90-36-59	270-36-31	89-39-01	495.92 151.156	495.908	
	π @ 9	BS 12				
	0-0-27 180-0-33	355-43-10				
10	355-43-37 175-43-48	355-43-15				
8	162-47-43 342-47-55	162-47-16 162-47-22				
	π @ 10	BS 13				
	0-0-33 180-01-07	252-36-56				
9	252-37-29 72-37-45	252-36-38	90-19-40	376.59 114.787	376.586	



	T @ 13	BS 11			
	0-01-21			315.70	
	180-01-32	179-57-59	85-32-50	96.226	314.747
	179-59-20			138.65	
10	359-59-31	179-57-59	93-32-21	42.261	138.386
	T @ 5	BS 4			
	0-0-38			400.02	
5	180-0-37	247-25-03	90-01-28	121.928	400.021
	247-25-41			250.32	
3	67-25-42	247-25-11	94-36-39	76.297	249.508
	T @ 3	BS 5			
	0-2-12				
	180-2-27	126-00-54			
	126-03-06				
MC	306-3-18	126-0-51			
	T @ 4	BS 1			
	0-0-43				
	180-0-43	183-38-01			
	183-38-44				
5	3-38-50	183-38-07			
	T @	17 BS A			
	0-0-52	17-01-16			
	180-0-59	[illegible]			
	13-02-08				
15	193-02-14	17-01-15			
	T @ A	BS B			
	0-0-43			985.22	
	180-0-40	175-31-27	84-0-51	300.298	985.074
	175-32-10			722.38	
17	355-32-16	175-31-36	90-56-07	220.184	722.284
	T @ B	BS A			
	0-01-55				
	180-02-01	77-57-28			
	77-59-23				
C	257-59-42	77-57-41	91-33-33	171.74	171.73



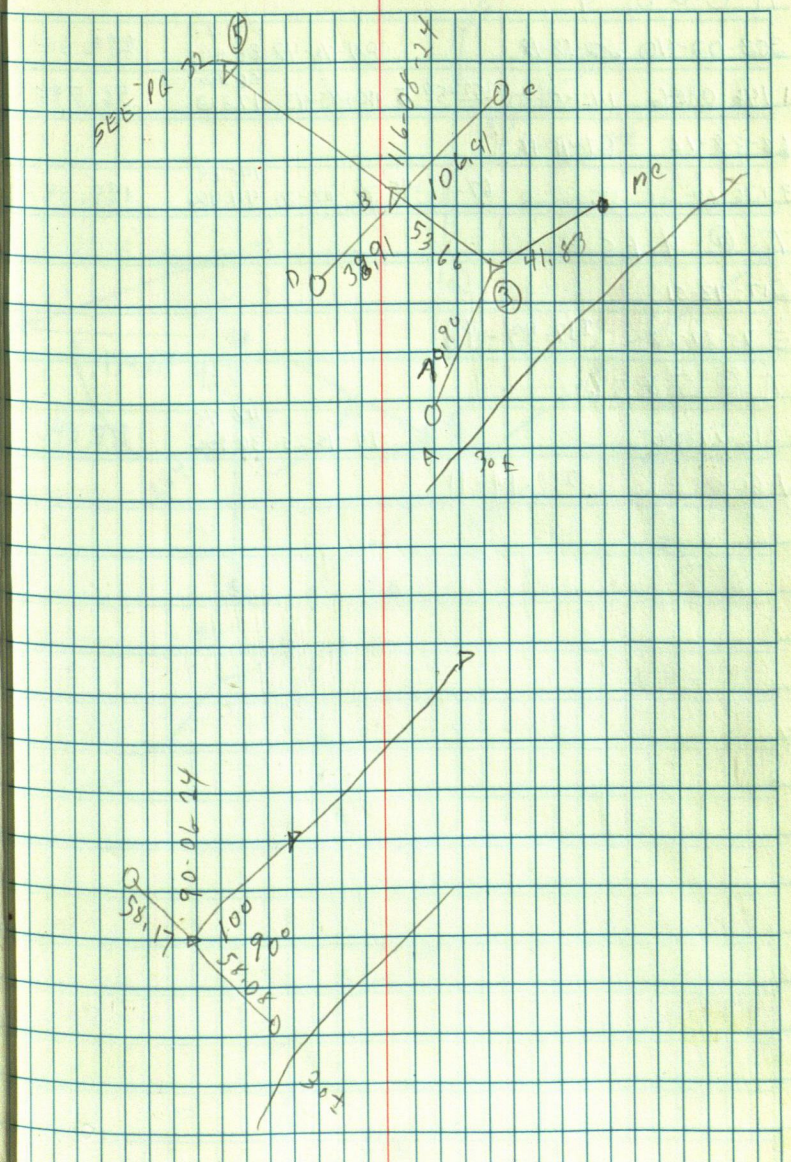
A @ 3 B 5

267-45-30

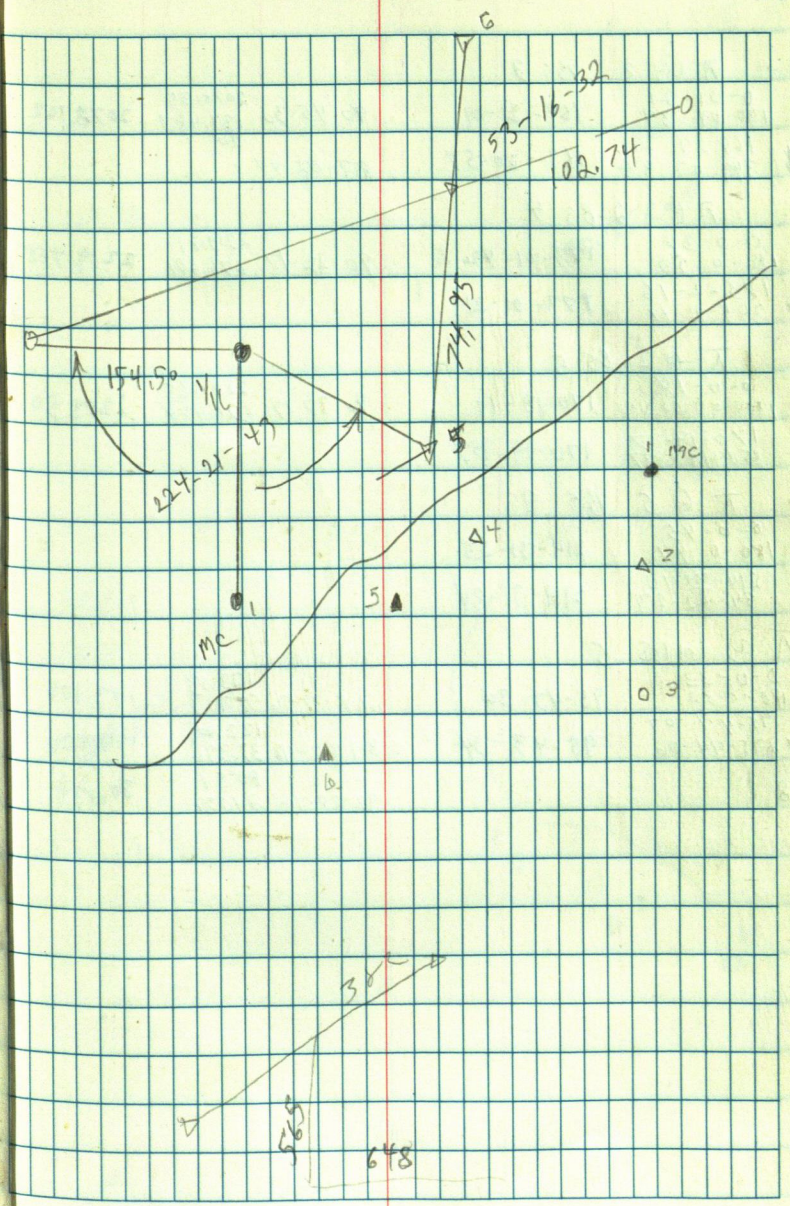
A 175-30-40 267-45-20

A @ B B 5

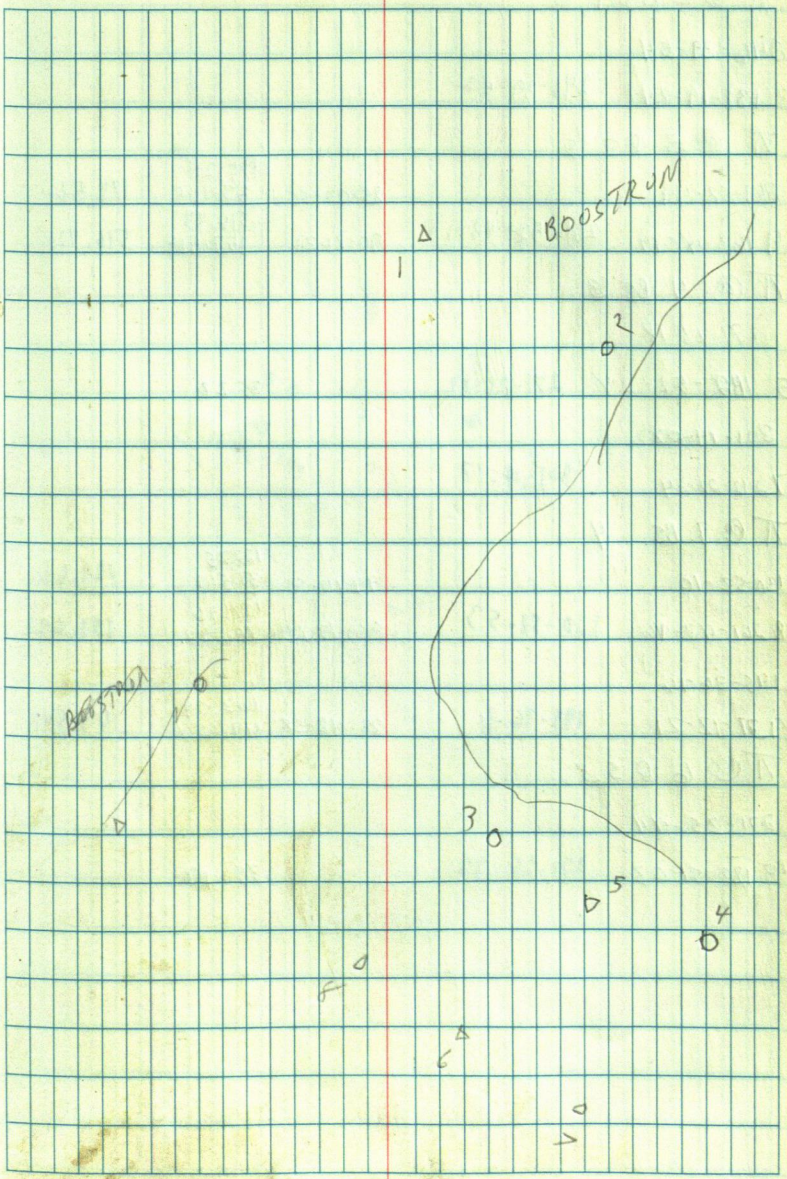
C



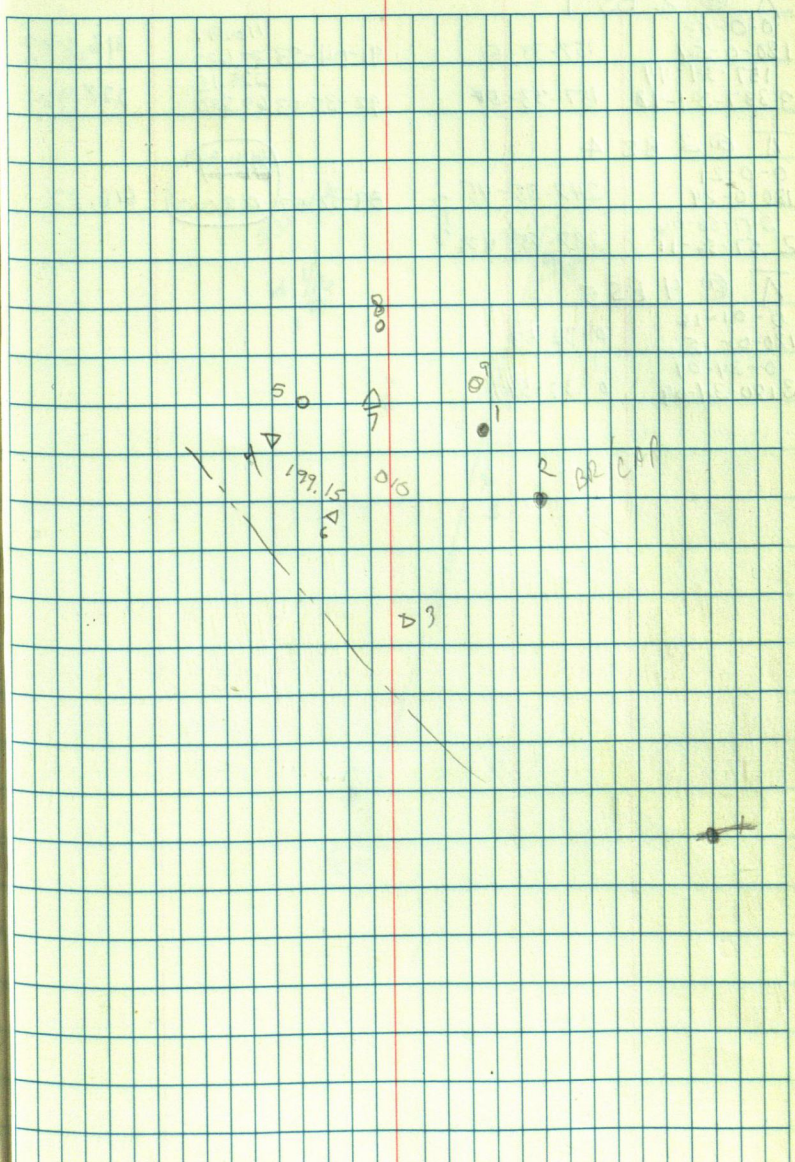
T @ 2 BS 4					
253-02-40	252-58-18		84-46-48	291.81 88.945	290.601
1 146-0-56	145-56-30	252-58-15	90-45-43	56.80 17.313	56.795
68-38-12	67-41-44				
3 136-20-03	135-23-30	67-41-45	92-02-20	145.69 44.406	145.597
T @ 4 BS 2					
217-43-51					
5 75-27-28	217-43-44				
T @ 5 BS 6					
210-14-20			94-45-25	118.45 36.106	118.046
4 60-28-21	210-14-11				



	T @ 2	BS 3			
	0-01-21 180-01-39	169-21-01	90-45-30	2078.35 633.483 20	2078.162
3	169-22-22 349-22-36	169-20-57	83-05-44		
	T @ 2	BS 4			
	0-0-34 180-0-50	173-01-42	90-22-47	2219.81 676.601	2219.758
4	173-2-16 353-2-11	173-01-21			
	T @ 2	BS 5			
	0-0-18 180-0-30	170-19-19	90-37-24	2204.65 671.974	2204.50
1	170-19-37 350-19-37	170-19-07			
	T @ 5	BS 2			
	0-0-45 180-0-49	214-31-25			
6	214-32-10 34-32-23	214-31-34			
	T @ 6	BS 5			
	0-0-33 180-0-32	95-43-34	268-57-56	173.13 52.773	173.106
7	95-44-07 275-44-06	95-43-34	84-02-48	122.169 32.396	122.028
8			92-28-16	80.51 24.539	80.434



T @ 2 BS 1					
246-39-54					
3 133-19-24	246-39-42				
T @ 3 BS 2					
261-52-49			85-03-55	175.21 53.405	174.561
4 163-45-19	261-52-40		90-21-21	516.43 157.414	516.428
T @ 4 BS 3					
271-26-18					
5 182-51-24	271-26-12			35.23	
301-14-08					
7 242-23-34	301-14-17				
T @ 7 BS 4					
130-52-10			99-10-55	129.25 37.567	121.66
8 261-43-46	130-52-53		86-49-10	151.96 46.297	151.692
195-36-16					
9 31-12-21	195-36-11		88-48-58	163.59 49.854	163.541
T @ 6 BS 3					
271-25-44					
10 182-51-03	271-25-32			35.47	



Δ @ 2 BS 1

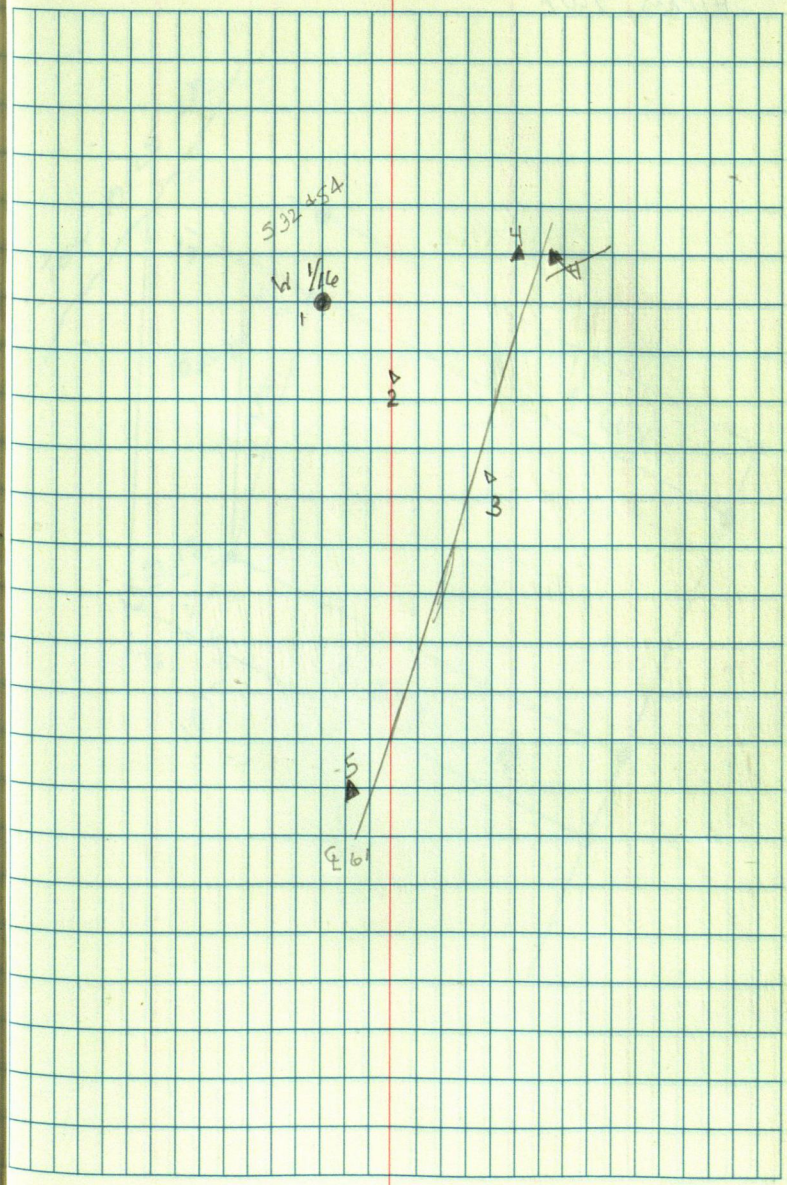
0-0-53			116.91	
180-0-54	157-33-51	91-04-53	35.1637	116,893
137-34-44			229.15	
3 337-34-48	157-33-54	92-35-03	69.850	228,924

Δ @ 3 BS 4

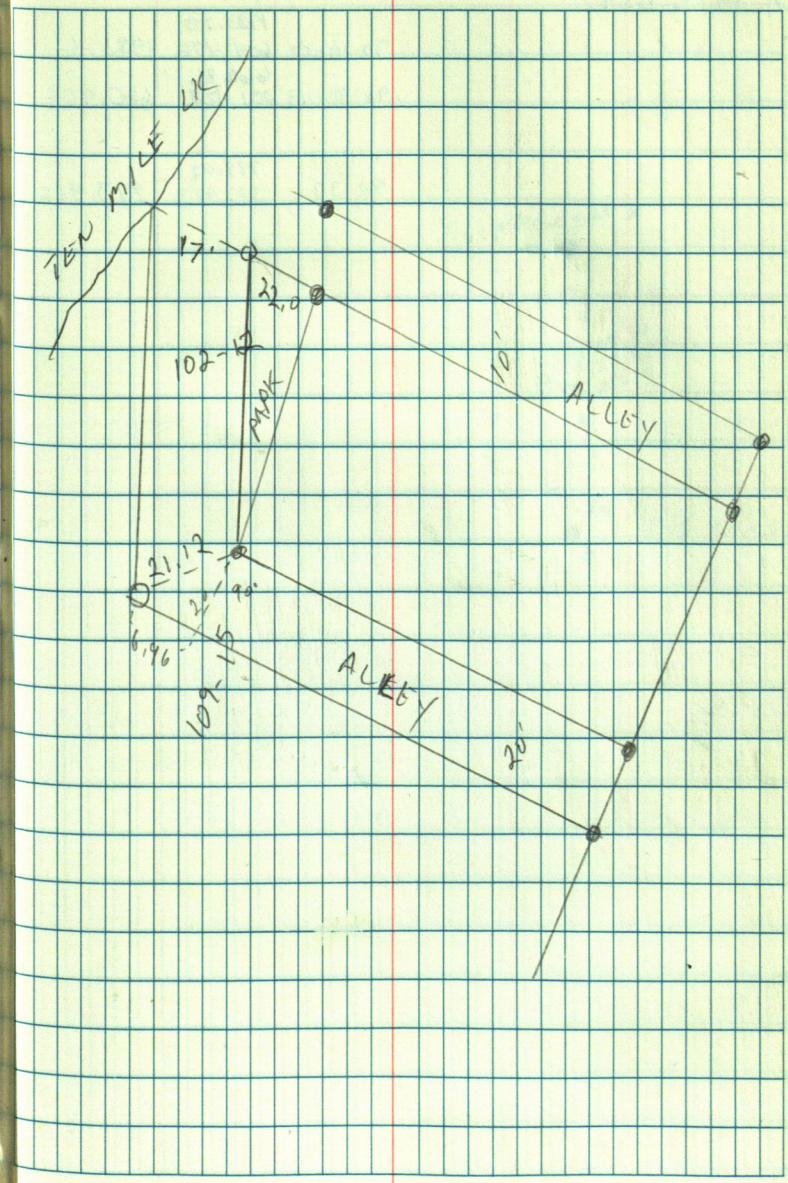
0-0-21			~~616.864~~ ~~616.84~~	
180-0-24	247-55-45 ?	89-52-57	188.010	616,831
247-56-06				
2 57-56-11	237-55-47			

Δ @ 4 BS 5

0-01-16				
180-01-15	0-32-53			
0-34-09				
3 180-34-09	0-32-54			



HIRAM TWP

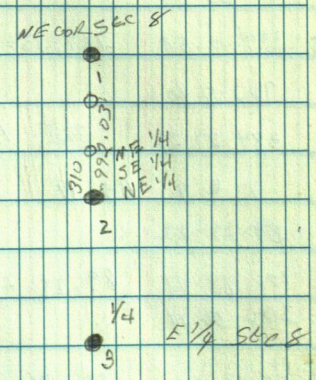


KRAUSE

8-139-29

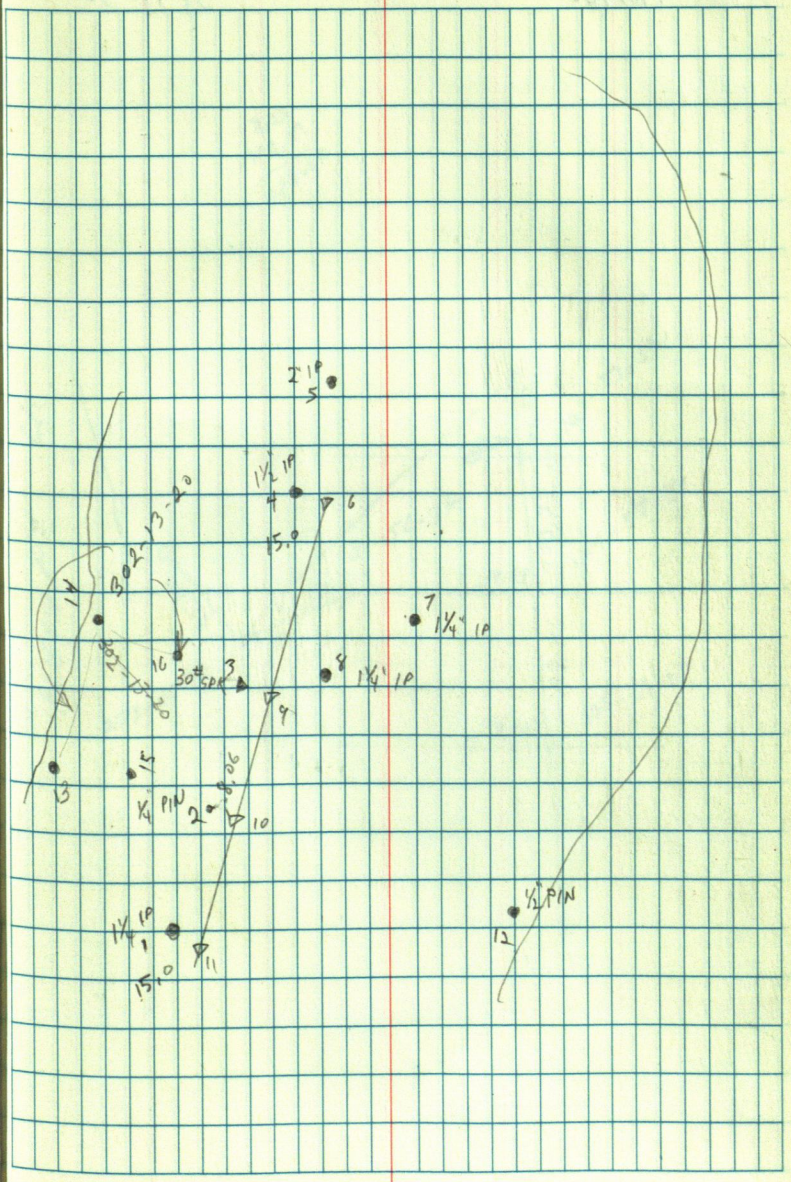
T @ 2 BS 1

	1983.20	
90-10-52	604.476	1983.16
	660.86	
90-30-43	201.428	660.909
	994.02	
90-32	302.973	993.966



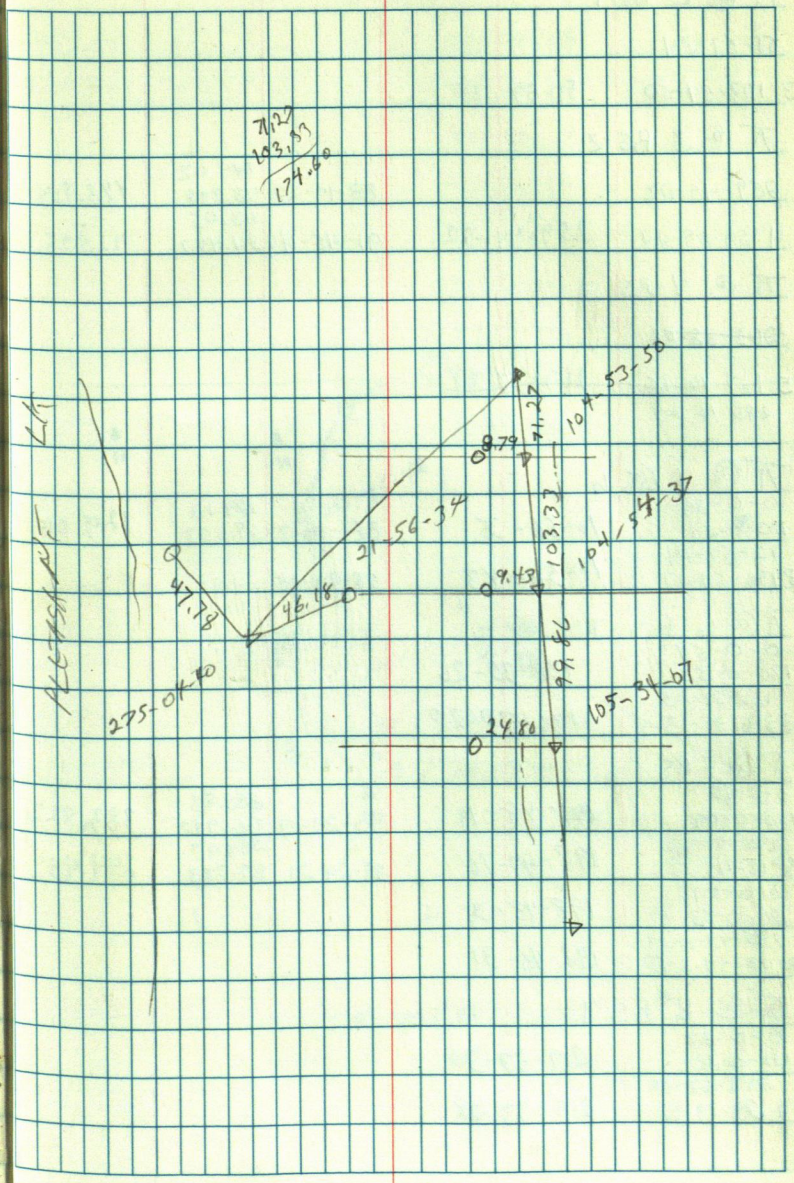
JIM MACHACEK'S — WHITE PINE POINT

	∧ 6 BS 11				
	89-11-02		89-41-56		
4	178-22-10	89-11-05			
	169-35-33				
5	339-12-58	169-35-29		76.12	
	322-11-40				
7	284-23-28	322-11-44		89.05	
	∧ @ 9 BS 11				
	84-22-22		89-21	253.75 77.343	253.733
3	178-44-48	89-22-24		12.88	
	208-06-14				
8	56-13-04	208-06-32		36.33	
	268-28-37				
12	176-56-33	268-28-16	91-09-30	208.08 63.423	208.037
6			269-21-59	152.48 46.476	152.47
	∧ @ 10 BS 11				
	96-02-27		269-41-40	99.72 30.392	99.714
2	192-04-56	96-02-28			
	91-28-40		96-59-15	105.35 32.111	104.568
13	182-56-52	91-28-26			
	∧ @ 13 BS 10				
	359-45-16				
15	359-30-30	359-45=15			
1	236-55-13	236-55-12			
14	113-50-23		90-31-30	183.67 55.986	183.667



PAT MORAN

34-148-30



DUANE ENGER

E. EURD
T. KUCHERSKI
D. LENGER

Δ @ 2 BS 1

51-57-34

3 107-54-50 51-57-25

Δ @ 3 BS 2

259-45-02		88-19-20	144.02 43.898	143.959
4 159-29-44	259-44-52	91-45-44	113.05 34.457	112.995

Δ @ 4 BS 3

~~263-38-08~~

~~5 107-46-45 263-38-08~~

286-16-24

Δ @ 4 BS 6

0-0-39 180-0-34	10-56-35	88-19-22	129.12 39.353	129.06
10-57-14 3 190-57-17	10-56-43	88-49-05		

Δ @ 6 BS 7

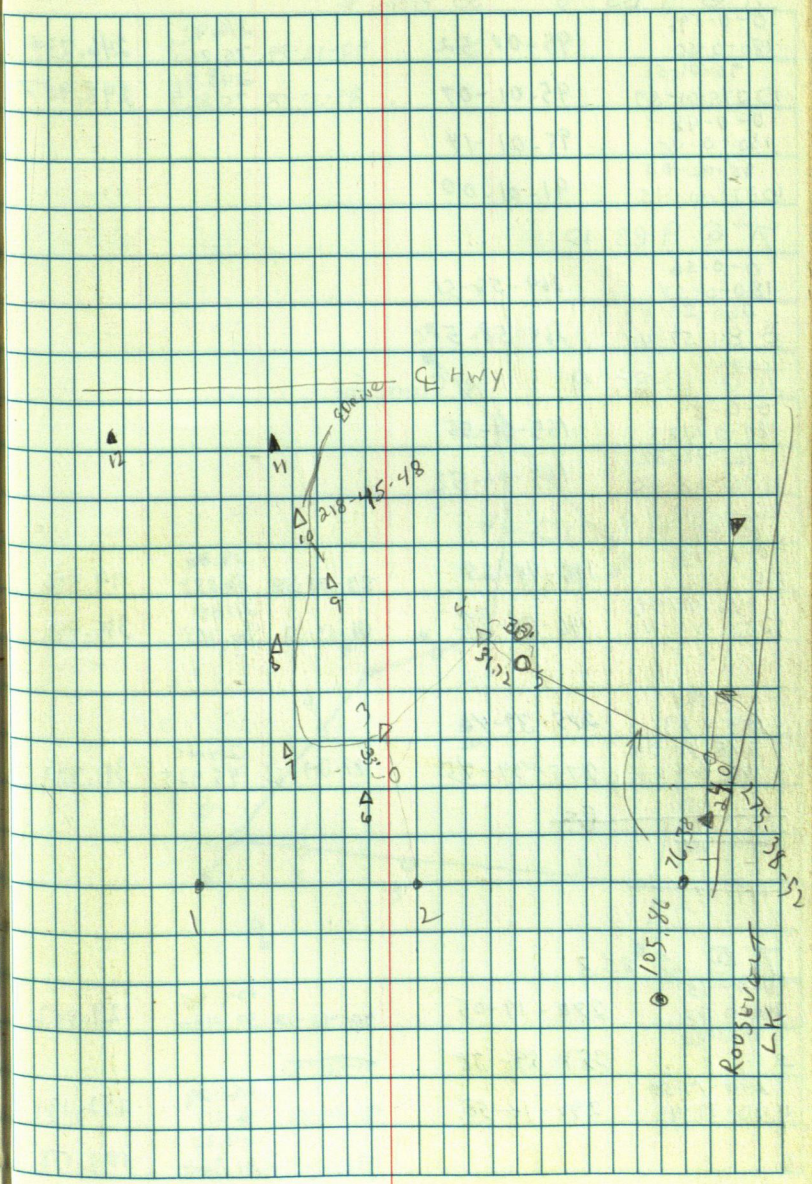
0-0-57 180-0-53	136-30-26			
136-31-23 3 316-31-13	136-30-20			

Δ @ 7 BS 6 10' From ℄

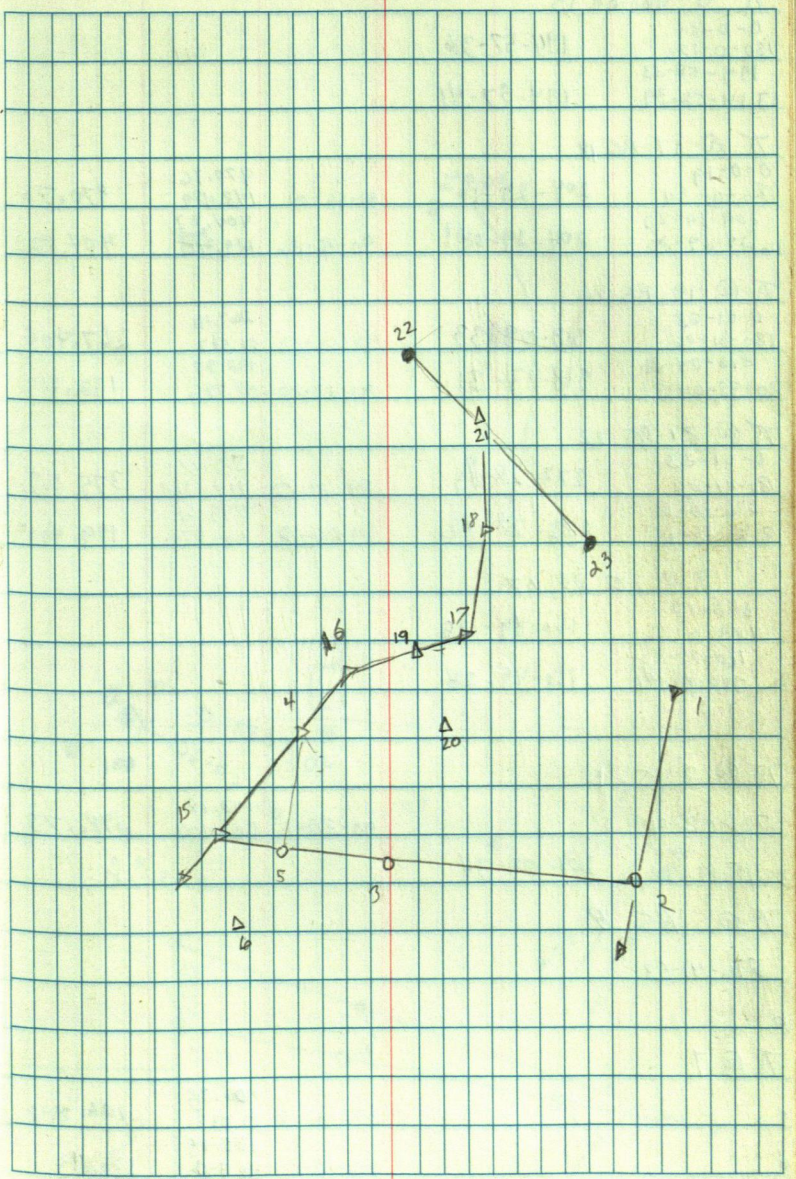
0-0-18 180-0-09	198-48-19	90-20-57	383.83 1160.992	383.822
198-48-37 8 18-49-25	198-47-16	89-24-27	294.47 89.753	294.45
0-0-54 180-0-53	198-48-31			
198-49-25 8 18-49-24	198-48-31			

Δ @ 8 BS 7 14' From ℄

0-0-28 180-0-30	219-53-30			
219-53-58 9 39-53-58	219-53-28			



Δ @ 9 BS 8 30' From ℄				
0-0-59			246.92	
180-0-50	95-00-52	92-12-39	75.261	246.734
95-01-51			248.91	
10 275-01-57	95-01-07	89-53-58	75.867	248.907
0-0-48				
180-0-45	95-01-14			
95-02-02				
10 275-01-45	91-01-00			
Δ @ 9 BS 10				
0-0-56				
180-0-53	264-58-51			
264-59-47				
8 84-59-44	264-58-51			
Δ @ 10 BS 9 8' From ℄				
0-0-37				
180-0-48	165-01-55			
165-02-32				
11 345-02-40	165-01-52			
Δ @ 11 BS 10				
0-0-15			119.86	
180-0-22	146-44-28	89-08-38	36.533	119.446
146-44-43			315.55	
12 326-44-44	146-44-22	88-53-28	96.183	315.495
0-0-21				
180-0-13	275-39-46			
275-40-07			314.68	
95-00-04	275-39-45	87-09-56	95.925	311.372
~~Δ @ BS~~				
~~0-0-46~~				
~~179-59-45~~				
Δ @ 15 BS 3				
0-0-45			129.55	
180-0-51	290-19-05	90-48-18	39.490	129.542
0-0-23				
5	359-59-38	~~91-50-51~~		
290-19-50			152.29	
4 110-19-49	290-18-58	91-50-51	46.411	152.199
			104.22	
6		71-36-45	31.766	104.178



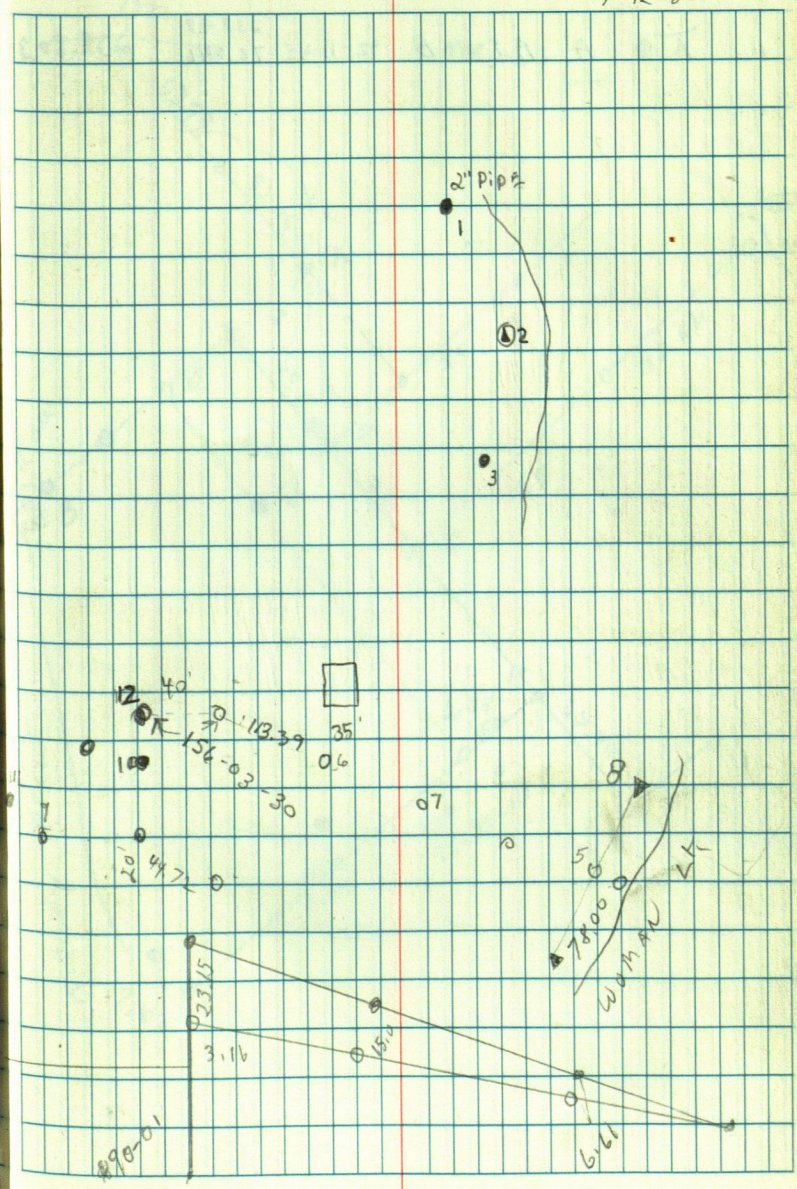
PAT SPAIN

T @ 16 BS 15				
0-0-57				
180-0-58	194-57-36			
194-58-33				
17 14-58-39	194-57-41			
T @ 17 BS 18				
0-0-19			470.76	
180-0-24	204-29-10	89-56-01	143.489	470.76
204-29-29			404.87	
16 24-29-25	204-29-04	90-46-36	123.~~775~~ 48	404.822
T @ 19 BS 16				
0-01-03			267.41	
180-01-06	318-03-33	90-20-27	81.507	267.404
318-04-36			192.97	
20 138-04-37	318-03-31	91-17-20	58.786	192.819
T @ 21 BS 22				
0-01-23			375.17	
180-01-33	272-28-49	89-24-20	114.361	375.163
272-30-12			199.51	
18 92-30-15	272-28-42	89-24-08	60.181	199.499
T @ 15 BS 17				
0-0-17				
180-0-12	160-49-25			
160-49-42				
4 340-49-40	160-49-28			
T @ 2 BS 1				
201-08-40			198.18	
		90-30-16	60.406	148.173
201-08-34				
3 42-17-08.	201-08-34			
T @ 5 BS 8				
276-41-53				
6				
T @ 7				
			106.75	
5		271-42-48	30.537	106.702
			135.65	
6		272-48-50	41.343	135.489

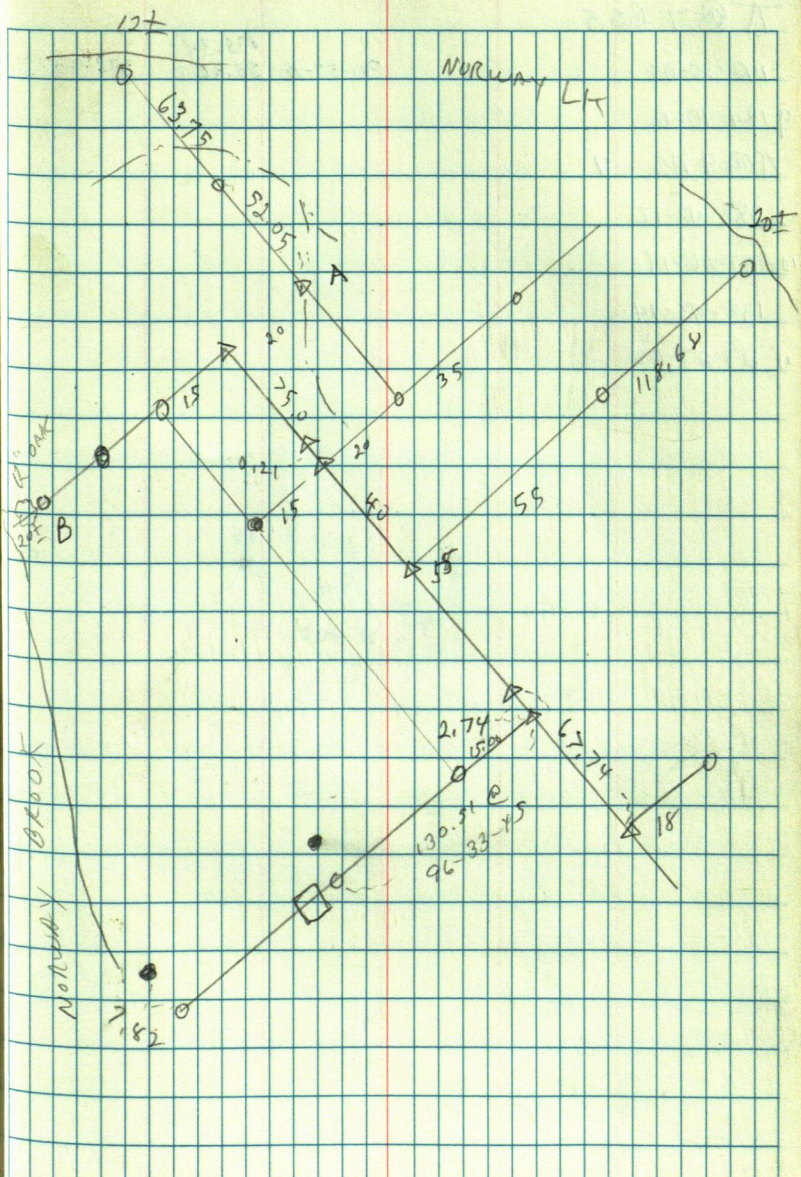
GO to Page 46

E. COAST
T. KUCHEFSKI

9-12-88



Δ	@	A	BS	B	92-11-45	238.98 72.~~84~~	238.803



A @ 7 BS 5

142-20-05 90-37-16 275.34 88.921 275 318

9 184-40-12

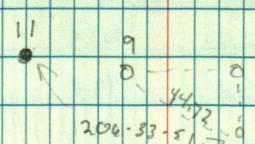
A @ 9 BS 7

283-43-12

10 207-26-14

193-43-14

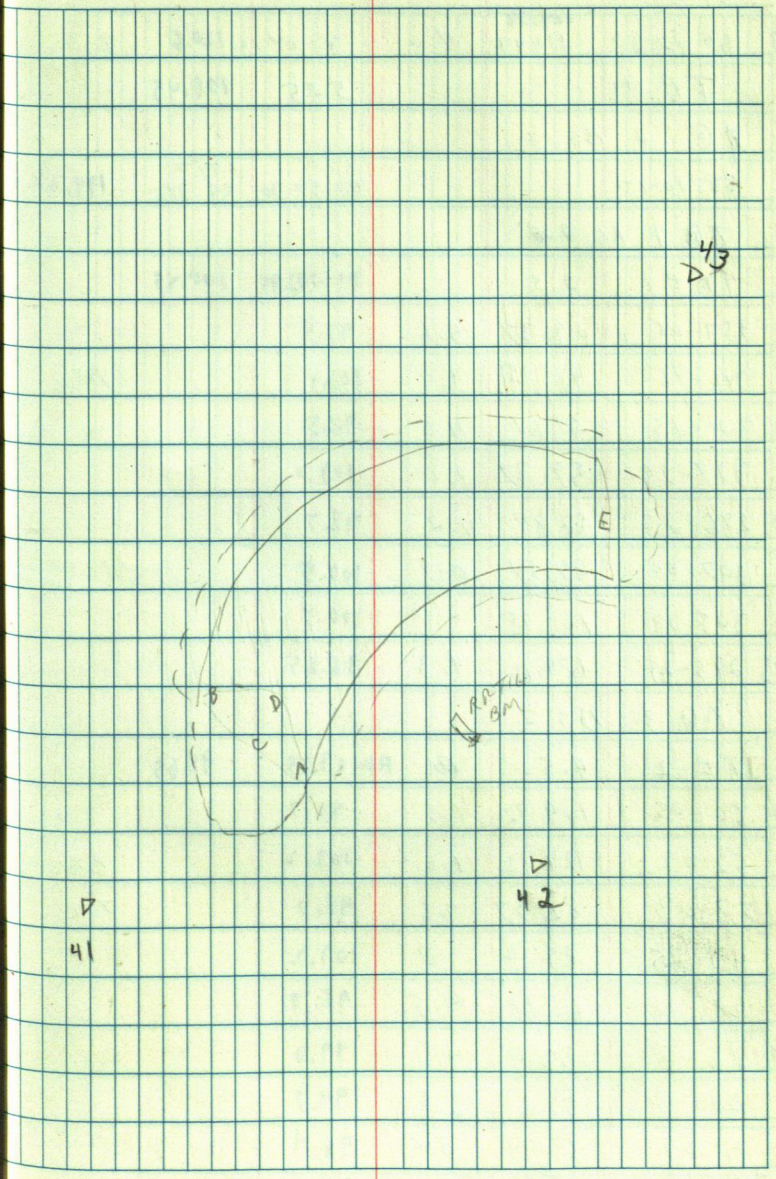
11 27-27-08



DINK FISHER — TOWNSEND LA GRAV. PILE

TS 42 BS 41 HI = 105.70 BM 5.7

		DIST	ROD			
1	L					TOP
1	88-50	96.12	5.5	100.2		TOE
2	80-15	77.12	5.4	100.3		"
3	77-50	83.55	4.0	101.7		BRK
4	67-12	70.38	5.5	100.2		TOE
5	68-36	84.10	2.7	103.0		BRK
6	54-16	68.22	5.6	100.1		
7	51-25	93.07	2.0	103.7		BRK
8	39-00	74.03	5.4	100.3		TOE
9	38-30	96.58	2.2	103.5		BRK
10	22-03	73.26	6.2	99.0		TOE
11	20-08	89.07	2.5	103.2		BRK
12 A	12-10	80.31	7.1	98.6		
13	354-12	81.12	8.5	97.2		
14	340.04	93.54	10.1	95.6		
15	342-05	119.84	11.0	94.7		
16 B	352-20	137.41	10.9	94.8		
17 C		105.89	9.8	95.9		
* 41	0-0-0.	187.90 187.94		91-07-50		187.90
18 D	17-24	117.82 119.67	4.0	79-55-30	122.3	TOP
19	28-02	122.41 124.21	4.0	80-14-30	122.2	
20	38-00	124.82 126.65	4.0	80-14-24	122.9	
21	50-25	122.48 124.41		79-54-04	123.3	
22	64-20	117.11 119.05	4.0	79-37-50	122.8	

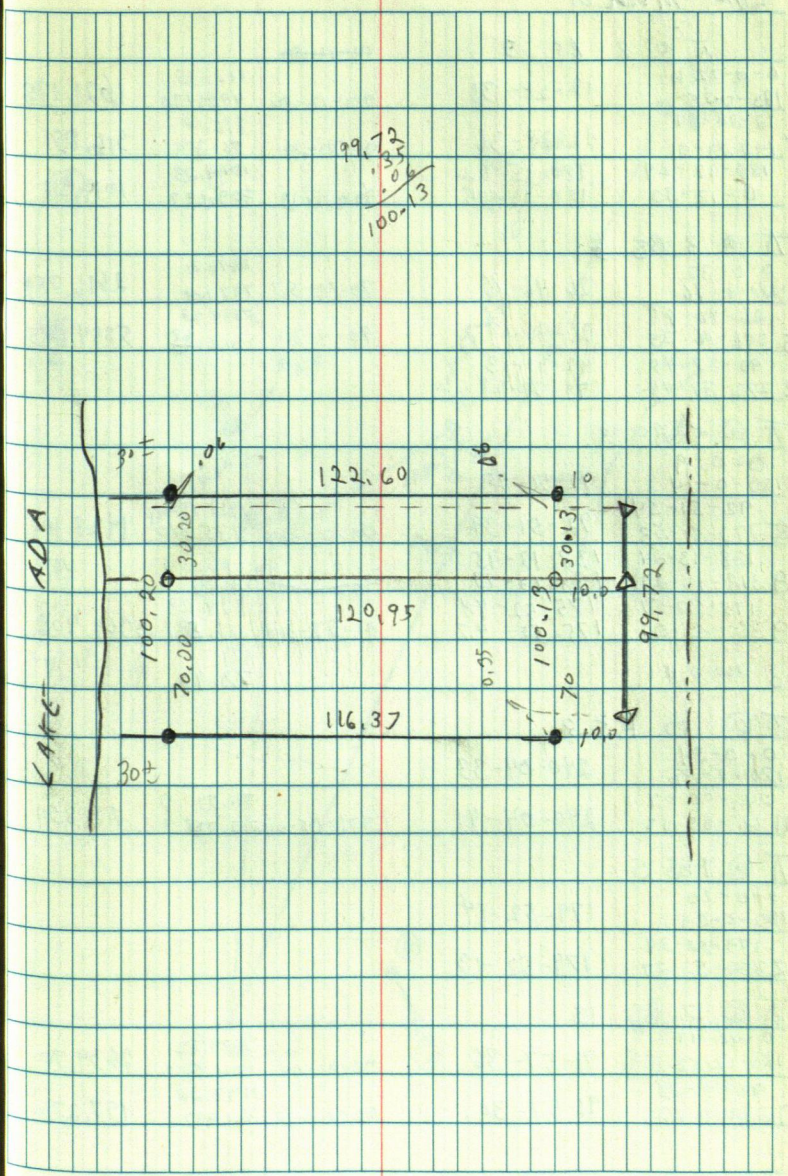


		109.76				
23	60-17-20	111.43	4.0	80-04-10	120.6	TOP
	TP #1			5.25	100.45	
	@ 2 BS 1					
3	88-10-17			92-57-30	194.71 55.345	194.68
	TP # BS 2					
	TP #1	2.5		H1=102.95	100.45	
24	357-06	29.37	5.6	97.4		TOP
25	346-16	48.35	1.9	101.1		BRK
26	301-15	51.61	4.5	98.5		
27	319-25	59.37	1.0	102.0		
28	296-25	82.84	4.2	98.7		
29	307-00	89.54	0.5	102.5		
30	305.08	108.95	2.3	100.7		
31 TP2	295-25	109.16	4.3	98.65		
	TP 3 BS 2					
	TP #2	4.5		H=103.15	98.65	
32	60-05	129.32	4.5	98.7		TOP
33	52-22	124.72	1.0	102.2		BRK
34	57-03	82.37	4.5	98.7		TOP
35	43-25	65.26	0	103.2		
36	47-28	61.18	4.5	98.7		
37	26-55	53.00	4.2	99.0		
38 E	21-00	72.61	3.5	94.7		
39	4-05	64.94	3.8	94.4		
40	0-15	80.81	4.0	99.2		

DAVE SMITH LOT 3 ADA PINE BEACH

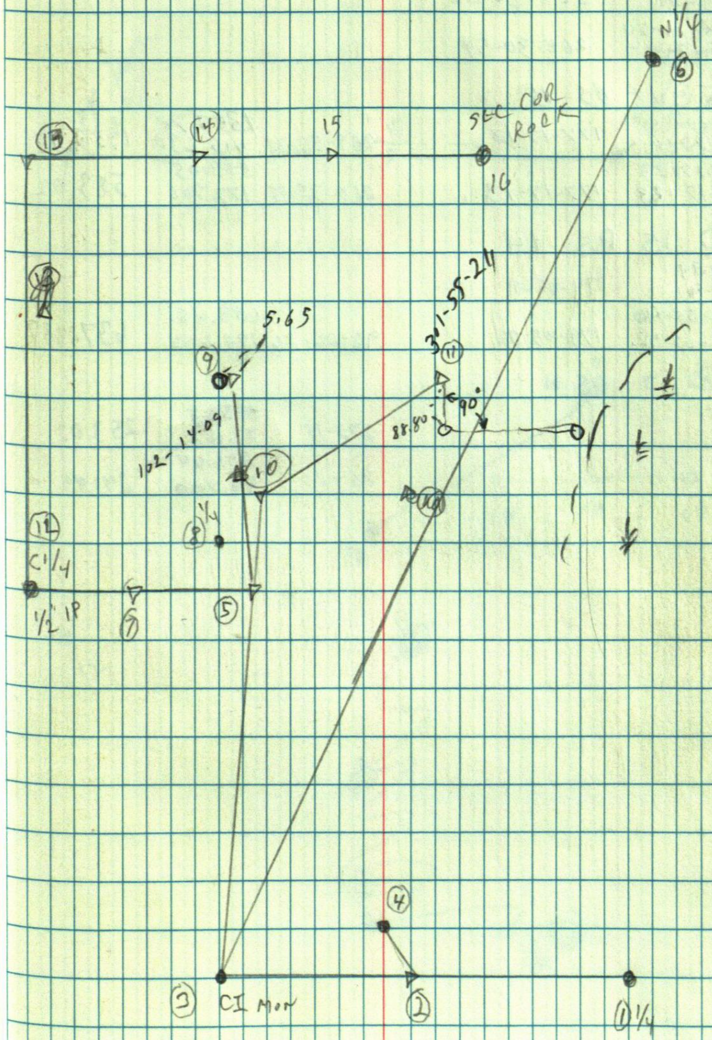
90-04-09

180-08-38



LON MUSLOF

⊼ @ 2 BS 3		~~90-12-30~~		
0-0-22 180-0-25	12-28-35	90-12-30	1621.15 494.130	1621.138
12-28-57 4 192-29-01	12-28-36	91-20-29	316.14 96.359	316.051
180-12-24 1 0-12-30	180-12-02 180-12-05	90-11-13	1014.23 309.137	1014.23
⊼ @ 3 BS 5				
0-0-32 180-0-16	26-46-16	90-10-53	2616.81 797.603	2616.784
26-46-48 6 206-46 35	26-46-19	90-4-26	5884.73 1793.663	5884.695
92-37-45 2 272-37-44	92-37-13 92-37-28			
⊼ @ 5 BS 3				
0-0-9 180-0-14	92-51-45			
92-51-54 7 272-51-53	92-51-39	89-23-47	1428.19 435.310	1428.101
138-13-24 8 318-13-27	138-13-15 138-13-13	~~91-27-34~~	52.25	
175-52-57 9 355-53-01	175-52-48 175-52-47	91-27-34	369.23 112.541	369.108
10 180-0-9			78.98	
⊼ @ 10 BS 3				
0-0-34 180-0-36	240-04-33			
240-05-07 11 60-05-17	240-04-41	272-05-04	711.33 ? 217.728	713.854
⊼ @ 7 BS 5				
0-0-20 180-0-24	179-52-14			
179-52-34 12 359-52-37	179-52-13			
⊼ @ 12 BS 13				
0-02-41 180-02-52	91-57-36	90-02-02	2639.72 804.582	2639.70
92-0-23 7 272-0-22	91-57-30	90-0-38	1197.28 364.932	1197.276



T @ 13 BS 12

0-0-32				
180-0-33	268-30-52			
268-31-24				
14 88-31-27	268-30-54			

T @ 14 BS 15

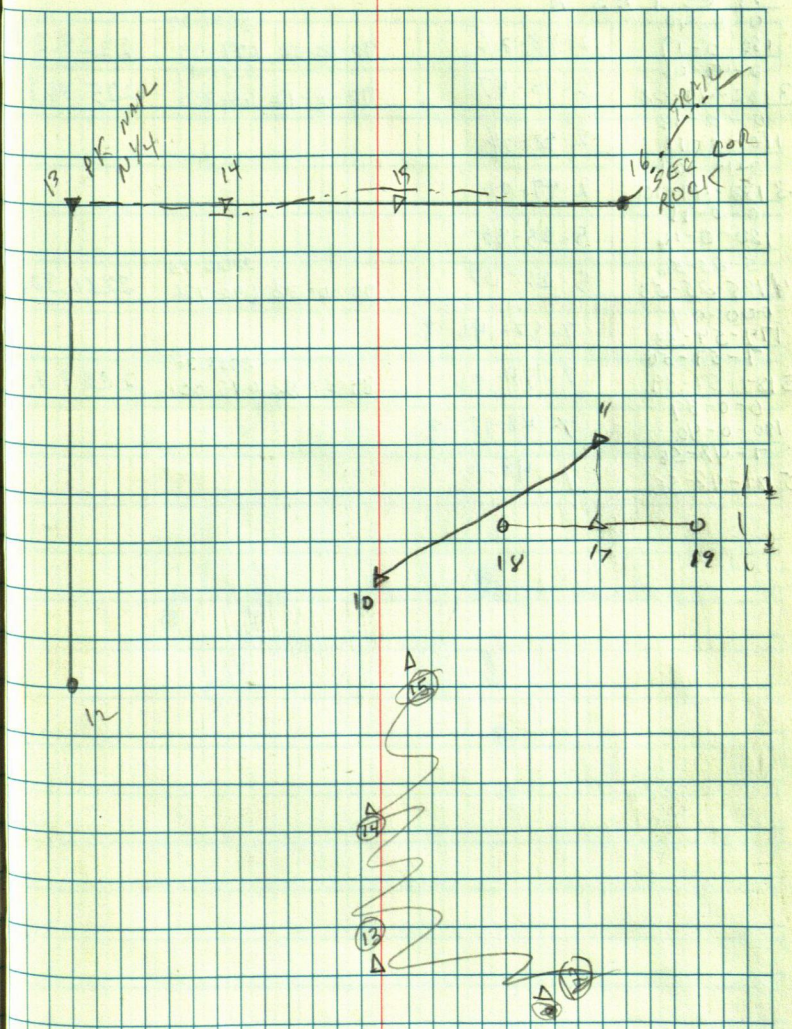
0-0-10			1383.78	
180-0-10	177-17-13	269-59-38	410.630	1359.771
177-17-23			583.05	
13 357-17-23	177-17-13	269-35-05	177.706	583.02

T @ 15 BS 14

0-0-39				
180-0-46	179-05-01			
179-05-40			638.48	
16 359-05-42	179-05-02	92-26-26	194.602	637.887

T @ 17 BS 11

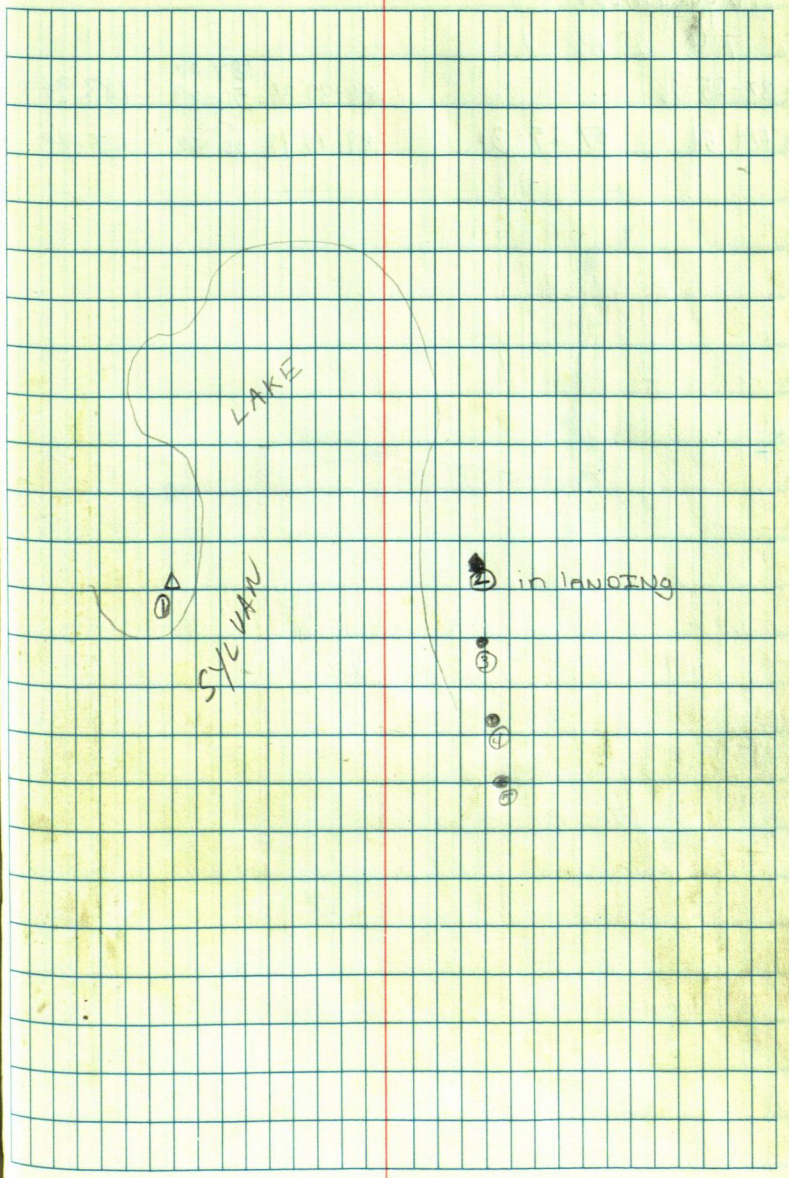
			253.23	
18		272-15	77.182	253.02
			292.64	
19		86-10	89.700	291.99



CARRIER

π @ 1 BS 2

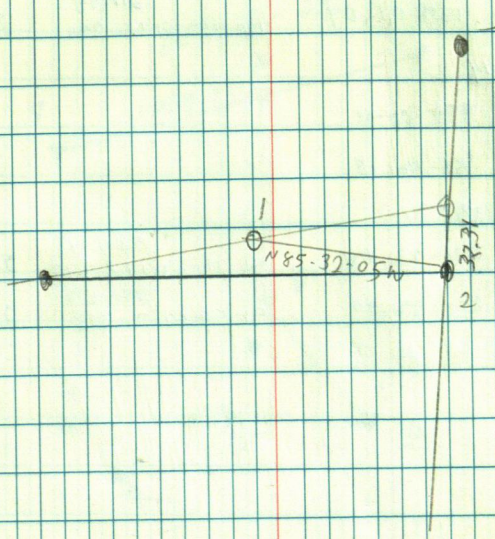
	0-0-40			2228.27	
	180-0-19	2-48-26	90-05-50	639.179	2228.26
	2-49-06			2251.47	
3	182-49-08	2-48-47	90-0-12	686.250	2251.463
	0-0-13				
	180-0-18	2-48-54			
	2219-07				
3	182-49-10	2-49-00			
	0-0-11				
	180-0-16	5-25-45			
	5-25-56			2266.38	
4	185-25-53	5-25-37	90-0-32	690-778	2266.321
	0-00-04				
	179-59-33	7-57-46 ?			
	7-57-50			2283.38	
5	187-57-39	7-58-06	89-57-52	695.951	2283.33
	0-0-39				
	180-0-40	7-48-17 ?			
	7-48-56				
5	187-48-55	7-48-15			



BILL TAYLOR

X @ 2 BS 1

87-25-36		88-39-36	184.00 560.83 125.5	183.949
3 174-51	87-25-30	89-19-15	38.252	125.49

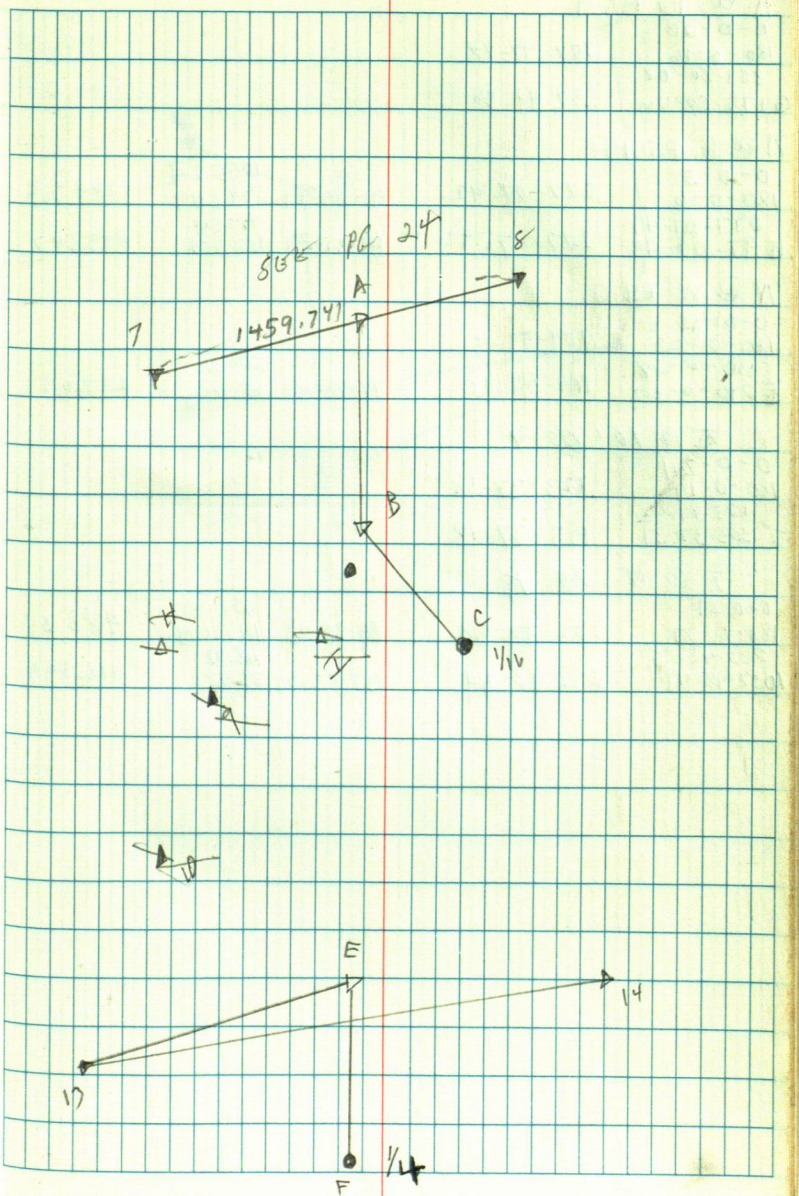


BIA

G P

54

T @ A BS 7				
0-0-12			987.04	
180-0-13	278-26-49	90-22-24	300.853	987.02
278-27-01			348.57	
B 98-27-0	278-26-47	92-09-51	106.244	348.32
T @ B BS A				
0-0-28				
180-0-21	184-01-07			
184-01-35			217.49	
C 04-01-30	184-01-09	100-42-51	66.291	213.386
T @ 13 BS 14				
0-0-31				
180-0-26	358-00-11			
358-0-42				
E 178-0-41	358-00-15			
T @ E BS 13				
0-0-12			584.48	
180-0-16	290-22-06	90-28-29	178.148	584.454
290-22-18			250.67	
F 110-22-16	290-22-00	91-59-07	76.373	250.417



BIA GP

Π @ 10 BS 9

0-0-20				
180-0-16	357-49-48			
357-50-08				
G 177-50-06	357-49-50			

Π @ G BS 10

0-0-5			1245.24	
180-0-6	277-07-42	91-39-17	379.549	1244.715
277-07-47			499.54	
H 97-07-48	277.07.42	81-11-39	152.258	493.647

Π @ H BS G

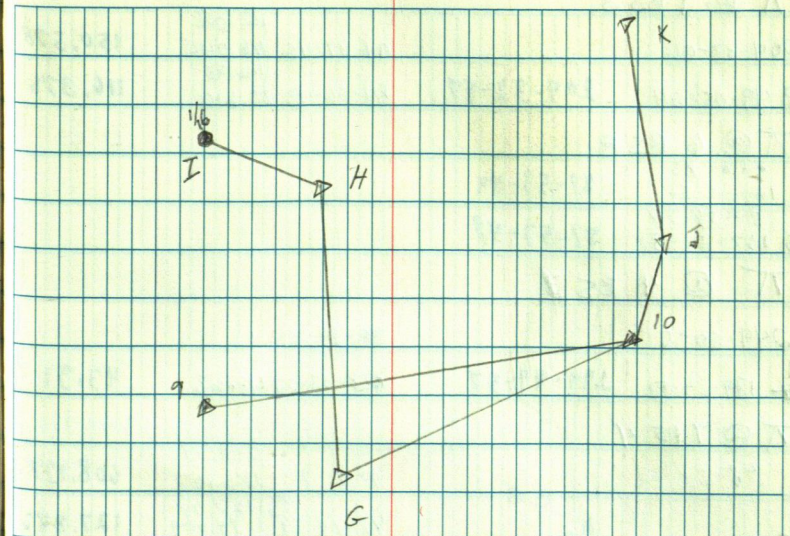
0-01-13				
180-01-05	109-59-15			
110-0-28			208.11	
I 290-0-20	109-59-15	94-42-44	63.435	207.411

Π @ 10 BS 9

0-0-24				
180-0-19	123-37-18			
123-37-42				
J 303-37-37	123-37-18			

Π @ I BS K

0-0-37			481.75	
180-0-37	232-47-58	84-38-23	147.145	480.641
232-48-35			118.02	
10 52-48-41	232.48-64	97-53-04	35.970	116.899



RAY KREES

T @ 1 BS 3

204-32-06		94-37-45	151.08 46.044	150.578
2 49-05-34	204-32-47	84-56-43	116.83 35.610	116.376

T @ 6 BS 8

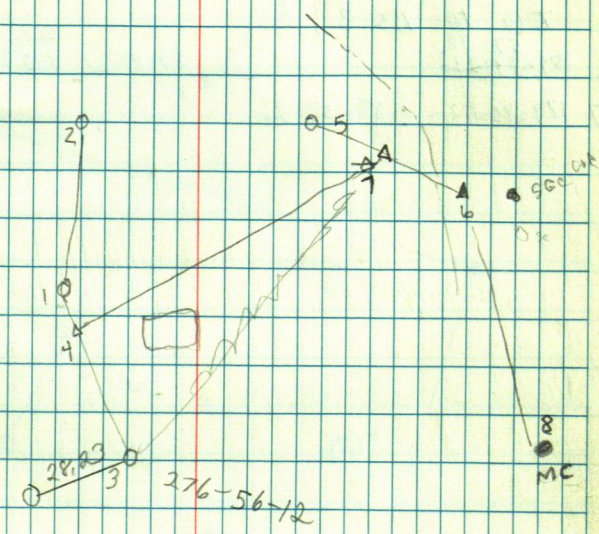
0-0-45 180-0-50	87-53-49			
87-54-34 5 267-54-38	87-53-48			

T @ 4 BS 7

249-50-0		88-18-19		
1 ~~7~~ 139-39-57	249-49-57	83-03-27	43.63	43.31

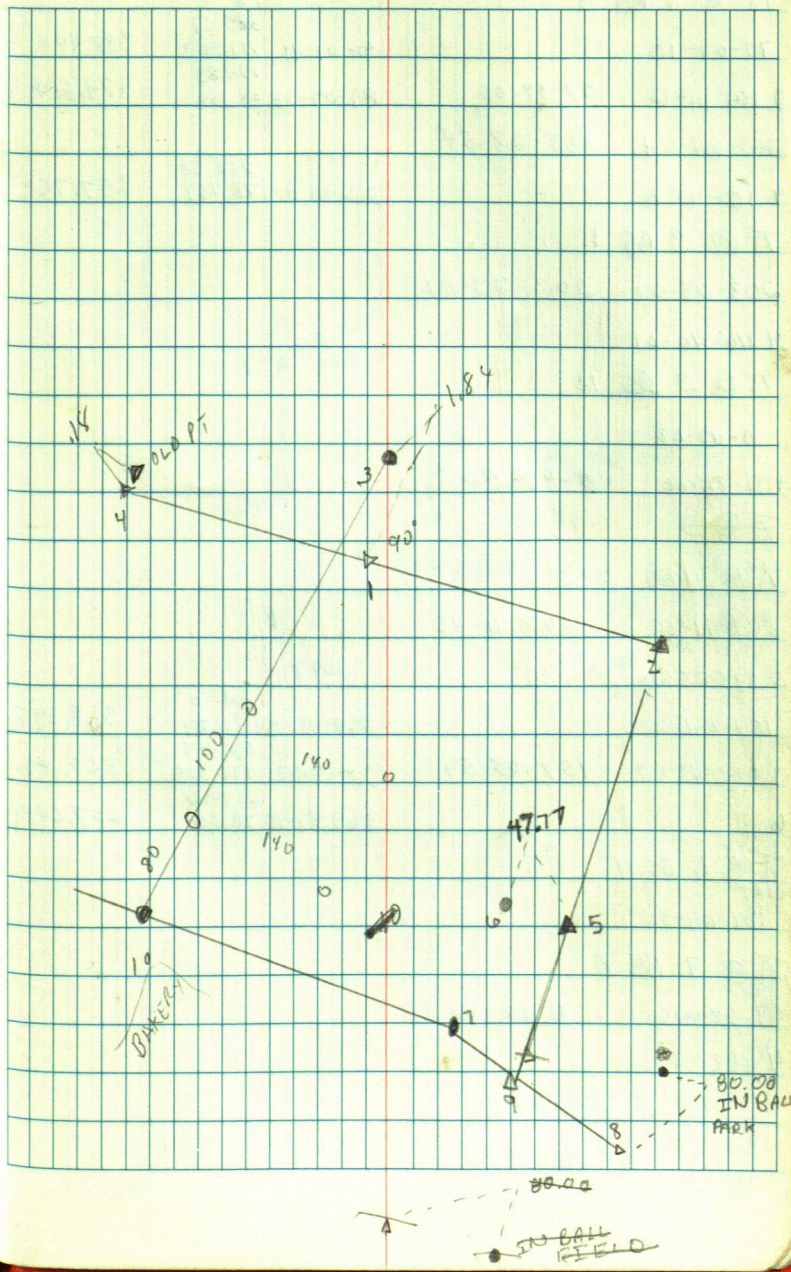
T @ 7 BS 4

48-58-02		91-41-27	608.42 185.447	608.127
		92-14-59	127.98 39.009	127.882
6				
5 97-56-04	48-58-02	89-28-55	497.67 151.680	497.611



4-IN ROAD
2' FROM
SO SIDE

T@ 1 BS 2		269-12-08	345.60 105.341	345.568
T@ 7 BS 8		89-39-03	326.84 99.621	326.833
4 179-55-45		90-04-43		299.993
10 7 359-51-21	179-55-41		299.98 91.443	
T@ 9 BS 2				
8 90-0-50		90-30-15	419.99 128.006	419.977
8 180-01-52	90-0-56	89-37-33	279.00 85.036	278.988
T@ 10 BS 3				
89-~~49~~-21 53-32		89-49-21	460.22 140.233	460.212
7 179-46-52	89-53-26			



℄ RRT - farthest right cross hair on gas tank by the the left edge of white fire dept.

T @ 1 BS 3

77-07-10 | 91-01-41 | 8 385.51 117.502 | 385,444

2 154-14-13 (77-07-06) | 77-07-06 | 87-04-33 | 174.83 53.288 | 174,614

255-24-04 | 255-23-54

9 150-47-48 | 266-01-02 | 258.38 78.757 | 257.754

T @ 3 BS 1

203-23-00 | 203-23-01

4 46-46-01

T @ 3 BS 10

0-47-08

101-35-26 (48-13) | -47-40

~~T @ 3~~

T @ 4 BS 3

247-41-42 | 247-41-45

5 135-23-30

157-04-02 | 269-43-15 | 368.26 112.239 | 368,197

7 314-01-57 (157-03-58) | 157-03-59 | 269-44-21 | 565.44 172.339 | 565,42

6 | 269-31-10 | 257.66 78.532 | 257,645

T @ 6 BS 4

℄ RRT

101-04-56

T @ 7 BS 8

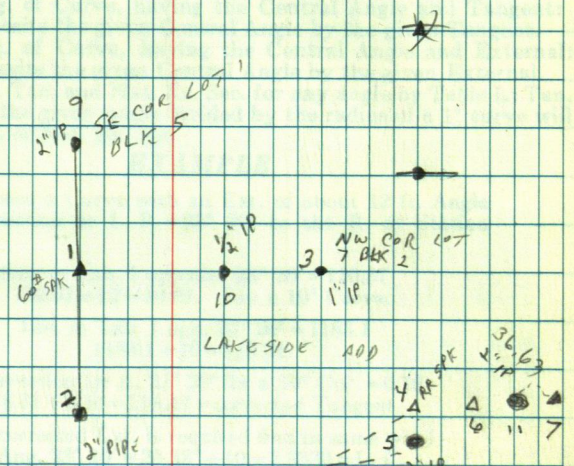
91-28-45 | 91-28-40

4 182-57-18 (91-28-39)

T @ 7 BS 8

92-47-53 | 92-47-57

11 185-35-54 | 36.63



PINE RIVER SCHOOL 587-4425

177-24-23

173-49-38

353-50-08
180-0-26
173-49-42

0-27-14

360
154-0-16
514-0-16
257-30-08
257-30-56

360
75-27-28
435-27-28
217-43-44
1297.60
395.511

263-38-07
527-16-15

118-02-29

357-24-45
180-0-26
177-24-19

261-52-39
523-45-19

185-49-32

107-41-53
215-23-55

365-50-02
180-0-31
185-49-31

339-30-42
679-01-24

15
7941
1538

360
137-49-06
2 497-49-06
248-54-33

140
136-43-56
5.16 43.56
2 258-21-58

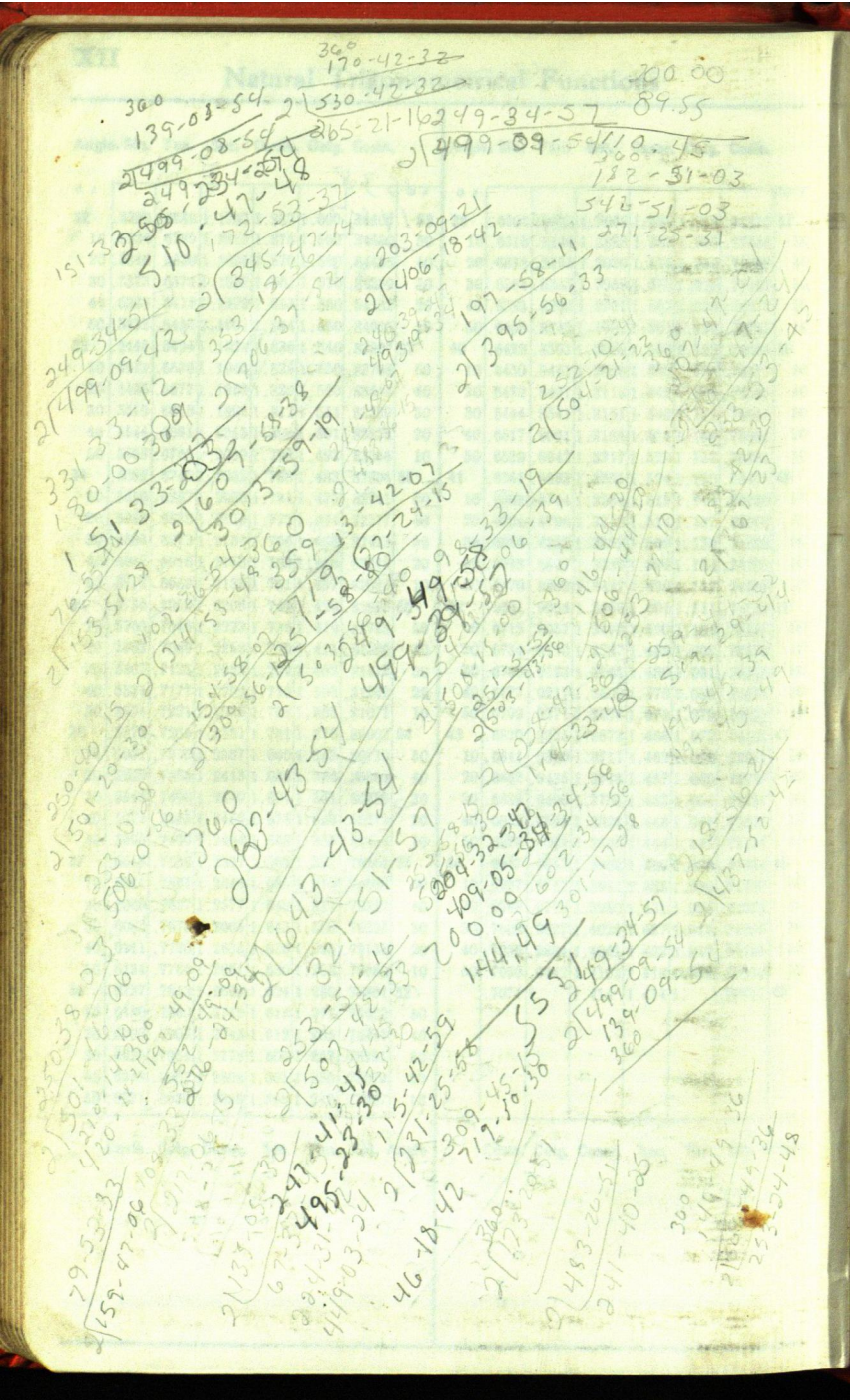
134-27-37
268-55-14

183-41-24
2 367-22-48

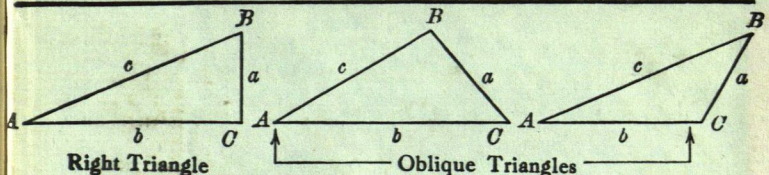
134-27-03
268-54-06

298-03-01
180-0-31
118-02-30

247-06-16
491-12-33



TRIGONOMETRIC FORMULÆ



Right Triangle — Oblique Triangles

Solution of Right Triangles

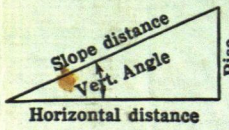
For Angle A. $\sin = \frac{a}{c}$, $\cos = \frac{b}{c}$, $\tan = \frac{a}{b}$, $\cot = \frac{b}{a}$, $\sec = \frac{c}{b}$, $\operatorname{cosec} = \frac{c}{a}$

Given	Required	
a, b	A, B, c	$\tan A = \frac{a}{b} = \cot B, c = \sqrt{a^2 + b^2} = a\sqrt{1 + \frac{b^2}{a^2}}$
a, c	A, B, b	$\sin A = \frac{a}{c} = \cos B, b = \sqrt{(c+a)(c-a)} = c\sqrt{1 - \frac{a^2}{c^2}}$
A, a	B, b, c	$B = 90° - A, b = a \cot A, c = \frac{a}{\sin A}$.
A, b	B, a, c	$B = 90° - A, a = b \tan A, c = \frac{b}{\cos A}$.
A, c	B, a, b	$B = 90° - A, a = c \sin A, b = c \cos A$,

Solution of Oblique Triangles

Given	Required	
A, B, a	b, c, C	$b = \frac{a \sin B}{\sin A}, C = 180° - (A + B), c = \frac{a \sin C}{\sin A}$
A, a, b	B, c, C	$\sin B = \frac{b \sin A}{a}, C = 180° - (A + B), c = \frac{a \sin C}{\sin A}$
a, b, C	A, B, c	$A + B = 180° - C, \tan \frac{1}{2}(A - B) = \frac{(a-b)\tan \frac{1}{2}(A+B)}{a+b}$, $c = \frac{a \sin C}{\sin A}$
a, b, c	A, B, C	$s = \frac{a+b+c}{2}, \sin \frac{1}{2}A = \sqrt{\frac{(s-b)(s-c)}{bc}}$, $\sin \frac{1}{2}B = \sqrt{\frac{(s-a)(s-c)}{ac}}, C = 180° - (A+B)$
a, b, c	Area	$s = \frac{a+b+c}{2}$, area $= \sqrt{s(s-a)(s-b)(s-c)}$
A, b, c	Area	area $= \frac{b\,c \sin A}{2}$
A, B, C, a	Area	area $= \frac{a^2 \sin B \sin C}{2 \sin A}$

REDUCTION TO HORIZONTAL



Horizontal distance = Slope distance multiplied by the cosine of the vertical angle. Thus: slope distance = 319.4 ft. Vert. angle = 5° 10′. From Table, Page IX. cos 5° 10′ = .9959. Horizontal distance = 319.4 × .9959 = 318.09 ft. Horizontal distance also = Slope distance minus slope distance times (1 — cosine of vertical angle). With the same figures as in the preceding example, the following result is obtained. Cosine 5° 10′ = .9959. 1 — .9959 = .0041. 319.4 × .0041 = 1.31. 319.4 — 1.31 = 318.09 ft.

When the rise is known, the horizontal distance is approximately:—the slope distance less the square of the rise divided by twice the slope distance. Thus: rise = 14 ft., slope distance = 302.6 ft. Horizontal distance $= 302.6 - \frac{14 \times 14}{2 \times 302.6} = 302.6 - 0.32 = 302.28$ ft.