South
Canyon

∡A 81°58'30"

Δ = 39°53'40" Rt.

31°03'30" Lt.

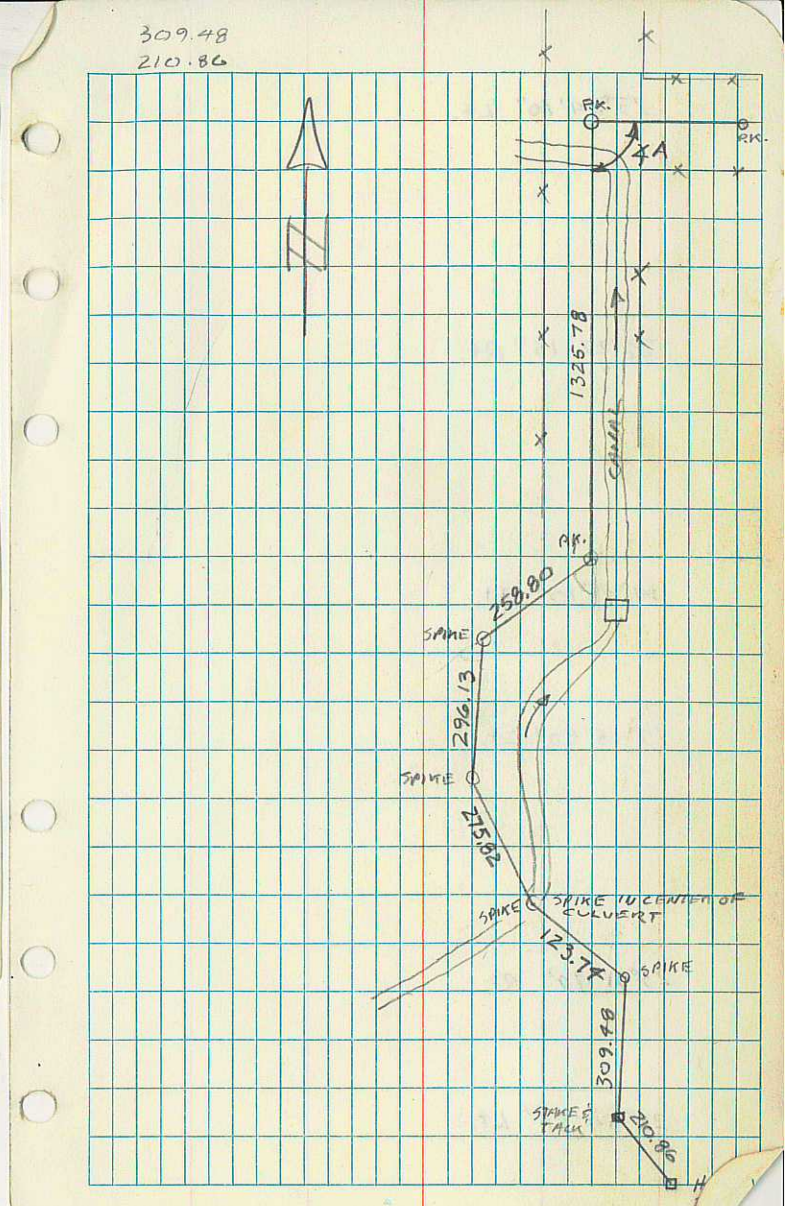
35°25'00" Lt.

9°21'00" Lt.

23°58'30" Rt.

9°14'50" Lt.

23°24'10" Lt.



23°24'10" Lt.

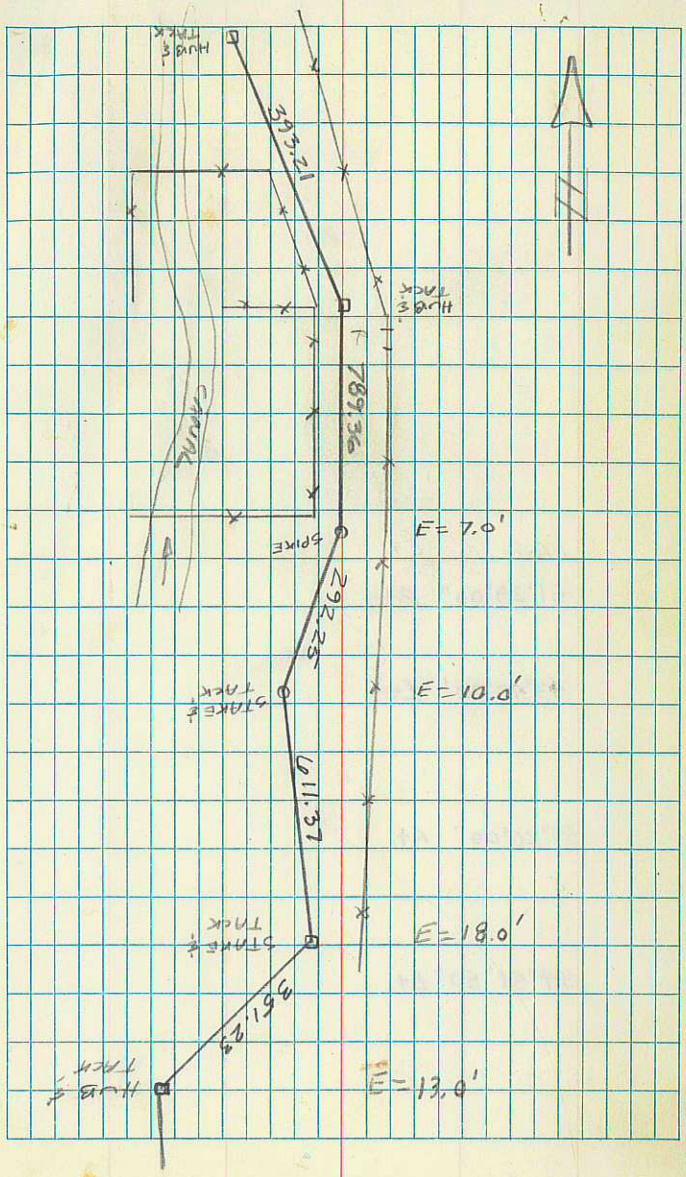
36°22'15" Rt.

14°08'10" Rt.

17°15'50" Lt.

23°31'40" Rt.

23°54'50' Lt.

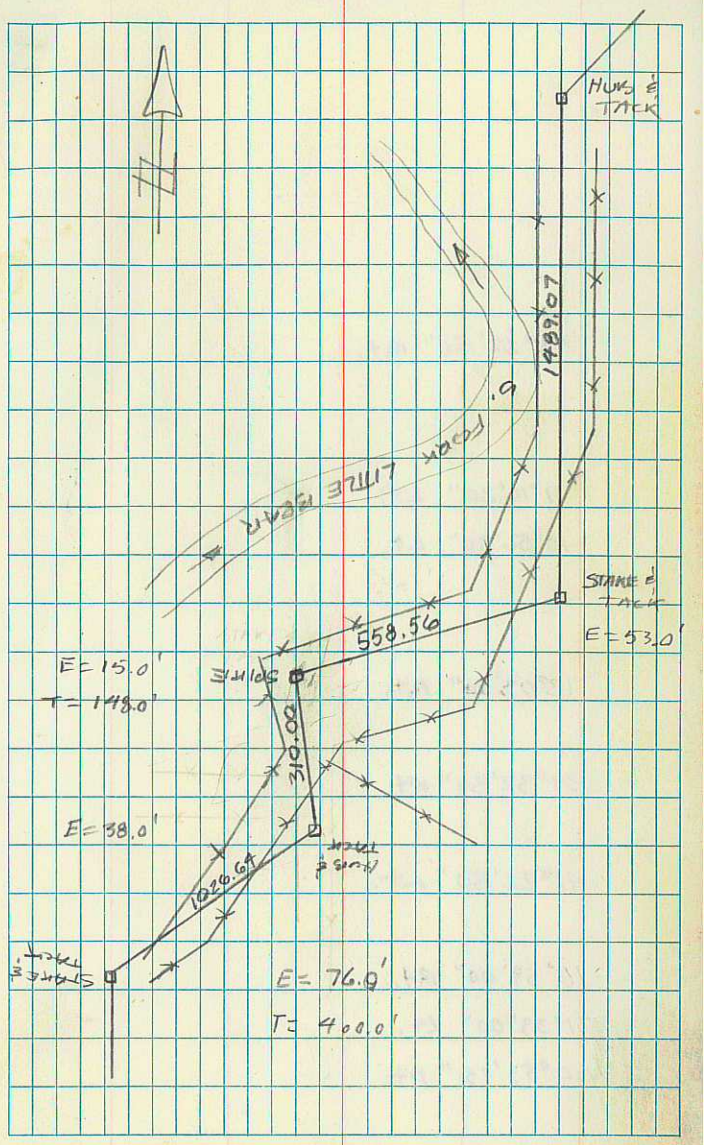


51°29'00" Rt.

43°43'20' Lt.

39°26'00" Rt.

34°51'50" Lt.



13° 22' 50" Rt.

11°16'20" Lt.

10°56'30" Lt.

13°03'00" Rt.

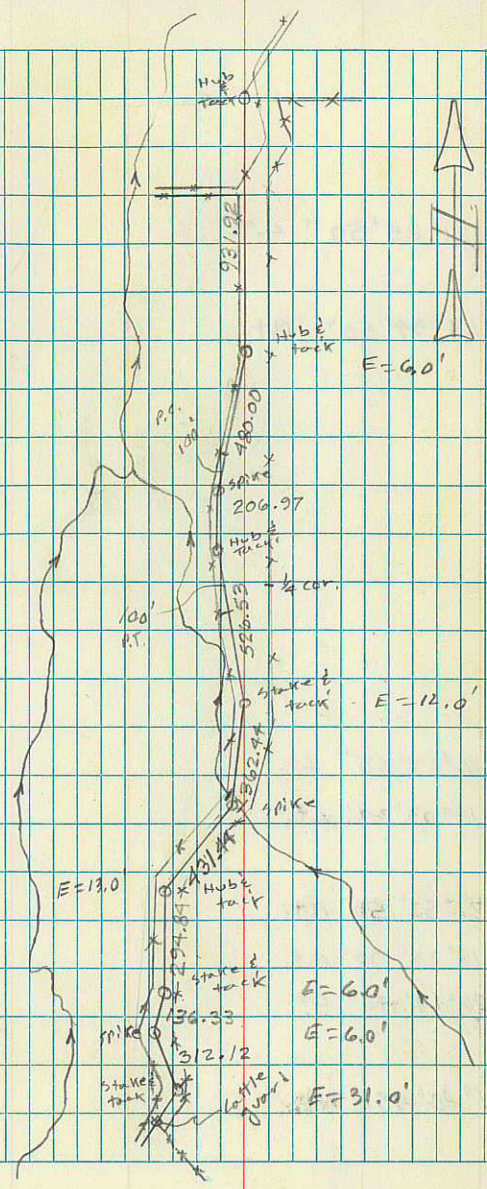
34°32'30" Rt.

41°22'50" Lt.

16°59'00" Rt.

31°33'00" Lt.

60°53'15" Rt.



21° 25' 50" Lt.

13° 34' 50" Rt.

16° 17' 55" Lt.

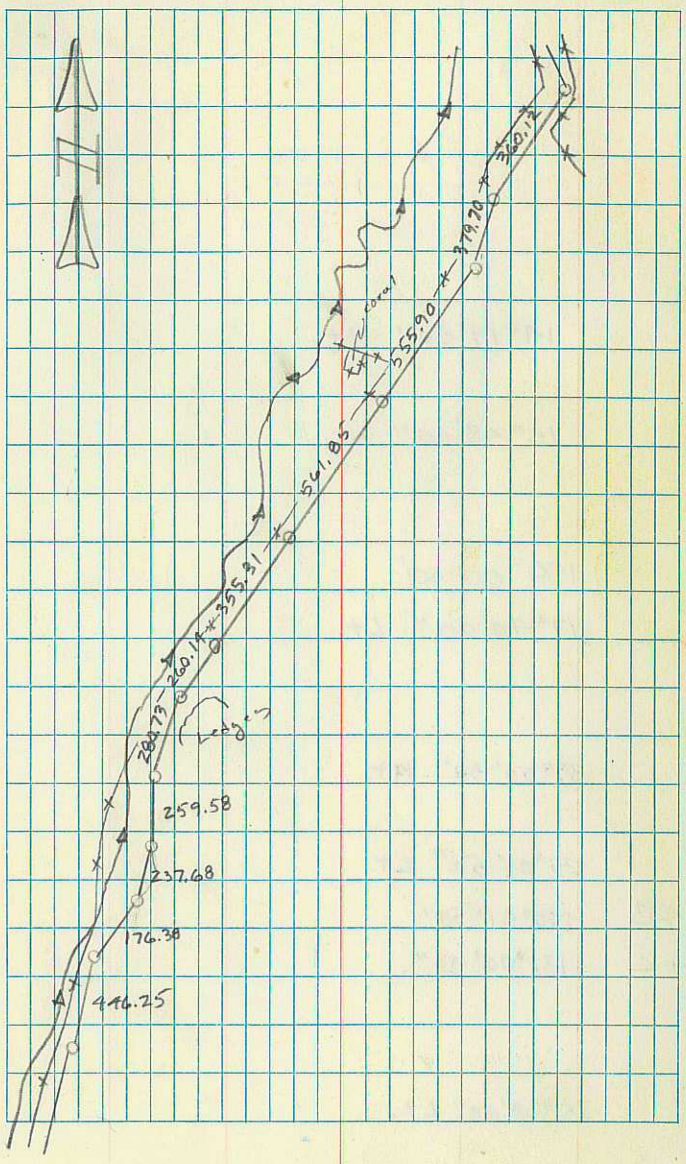
19° 03' 30" Lt.

22° 52' 50" Rt.

18° 03' 50" Rt.

26° 19' 40" Lt.

1° 40' 45" Rt.



14° 19' 50" Rt.

15° 48' 00" Lt.

180° 00' 00"

17° 40' 00" Lt.

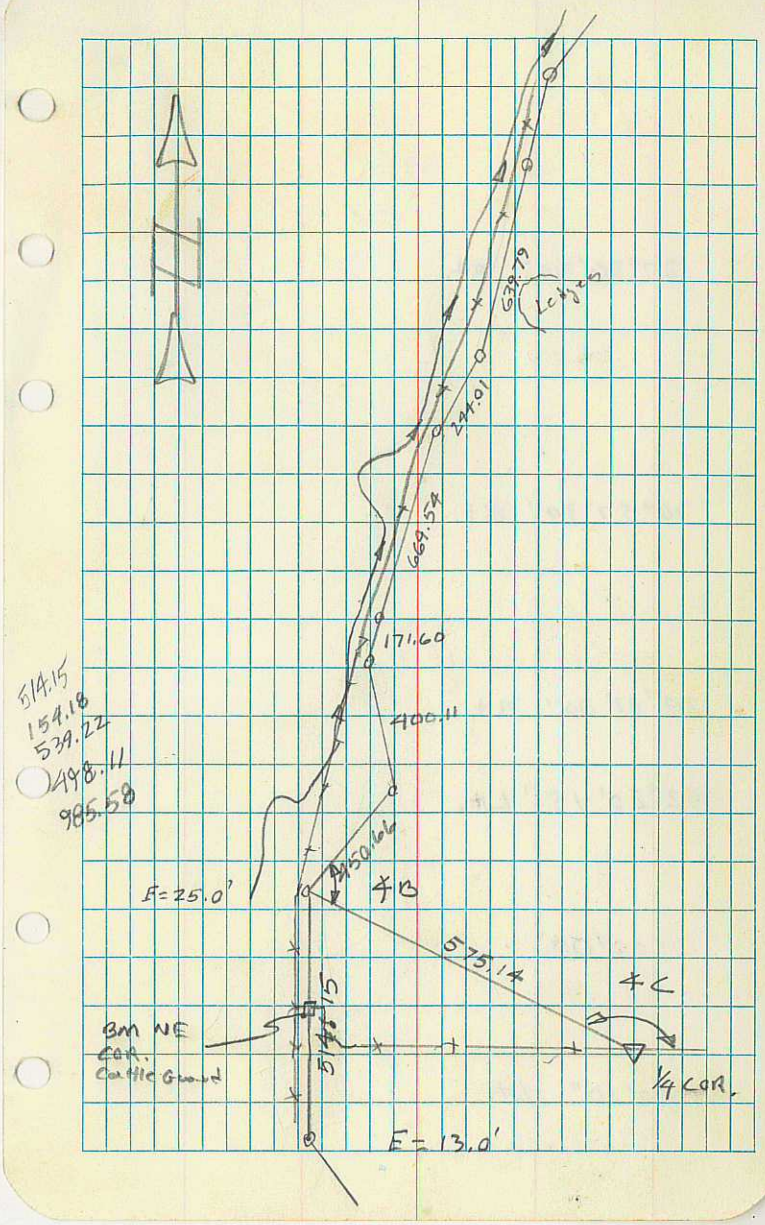
39° 50' 30" Rt.

25° 03' 50" Lt.

∡B 100° 51' 50"

∡C 131° 00' 00"

35° 28' 00" Lt.



27°36'30" Rt.

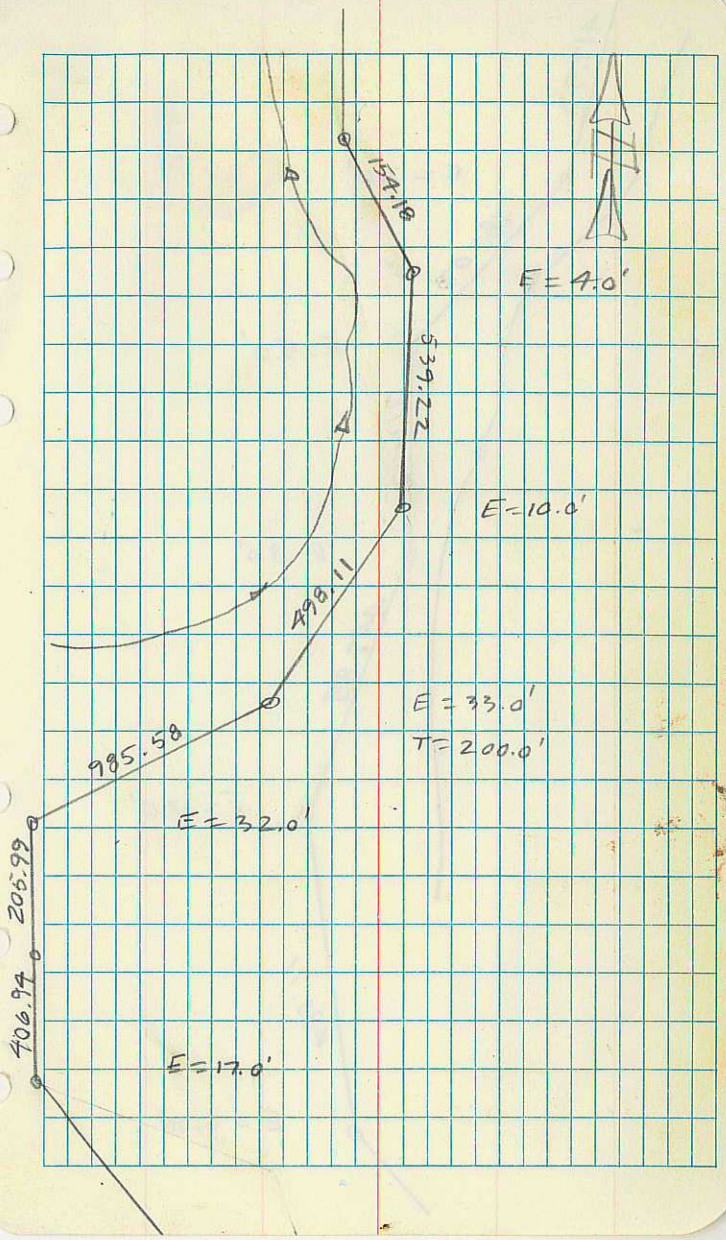
30°57'30" Rt.

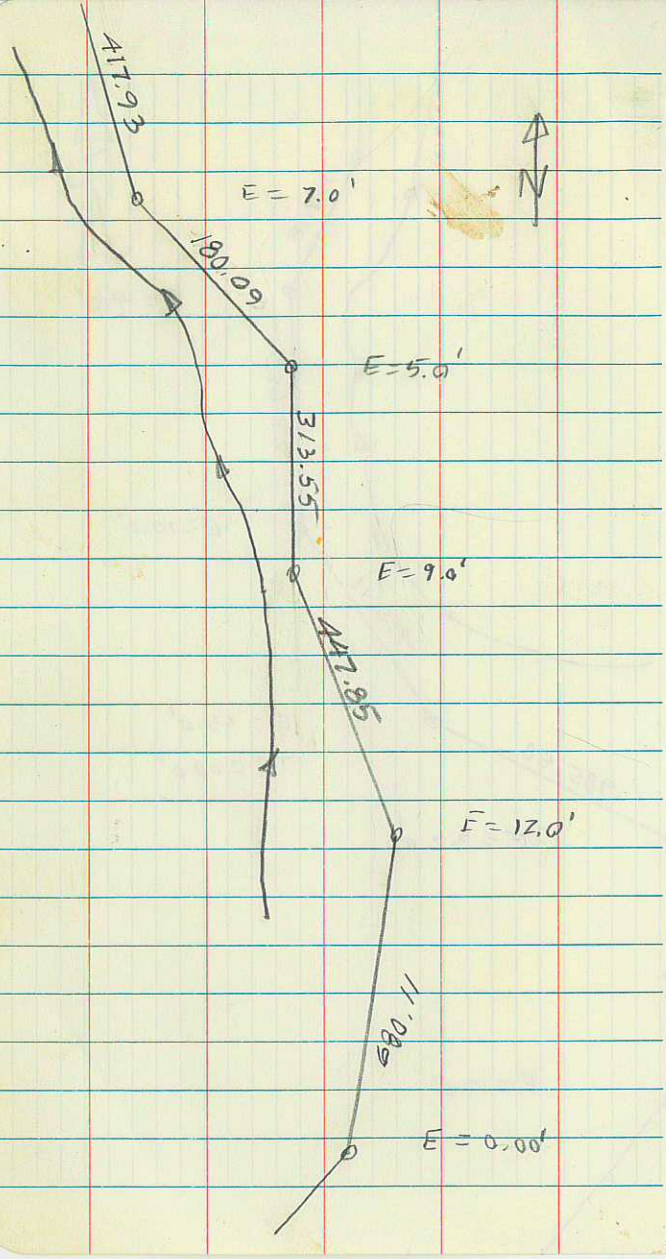
24°01'00" Rt.

52°20'15" Lt.

0°00'00"

29°44'10" Lt.





25° 48' 50" Lt.

26° 42' 50" Rt.

13° 20' 00" Lt.

37° 17' 45" Rt.

5° 24' 00" Rt.

11°36' 50" Lt.

11°21' 15" Rt.

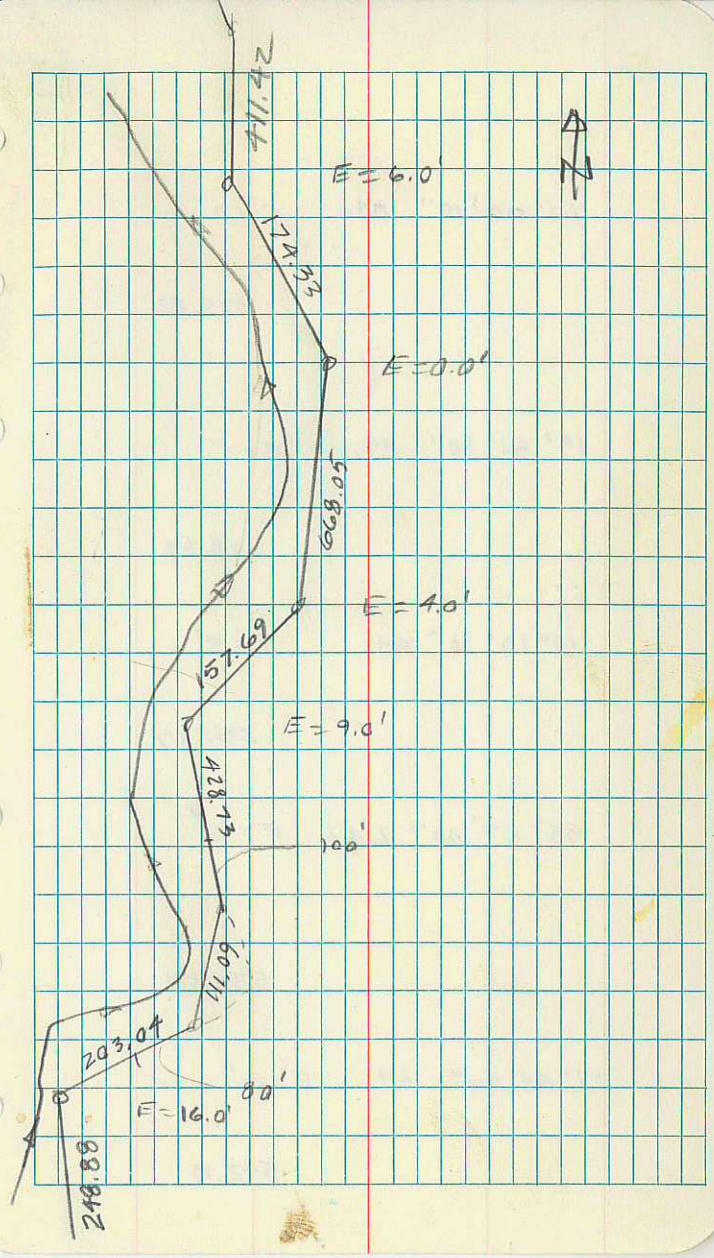
27° 18' 20" Rt.

23° 20' 00" Lt.

29°31' 10" Rt.

38° 06' 00' Rt.

62° 19' 10" Lt.



10° 00' 10" Rt. E = 0'

275.82

19° 51' 30" Rt, E = 5'

278.39

16° 19' 10" Rt. E = 4'

251.17

55° 57' 00" Lt. E = 15'

530.84

17° 48' 40" Lt. E = 6'

542.19

24° 09' 00" Rt. E = 0'

476.18

16° 10' 00" Lt. 30' E. Fence

300.94

209.26 27° 50' 50" Rt. 30' E. Fence

26° 00' 00" Rt.

358.00

38° 27' 00" Lt. E = 20'

270.56

10° 04' 10" Rt. E = 0.0

628.41

12° 56' 30" Rt. E = 16'

1166.29

20° 41' 10" Lt. E = 5'

831.81

25° 10' 30" Rt. E = 15'

128.18

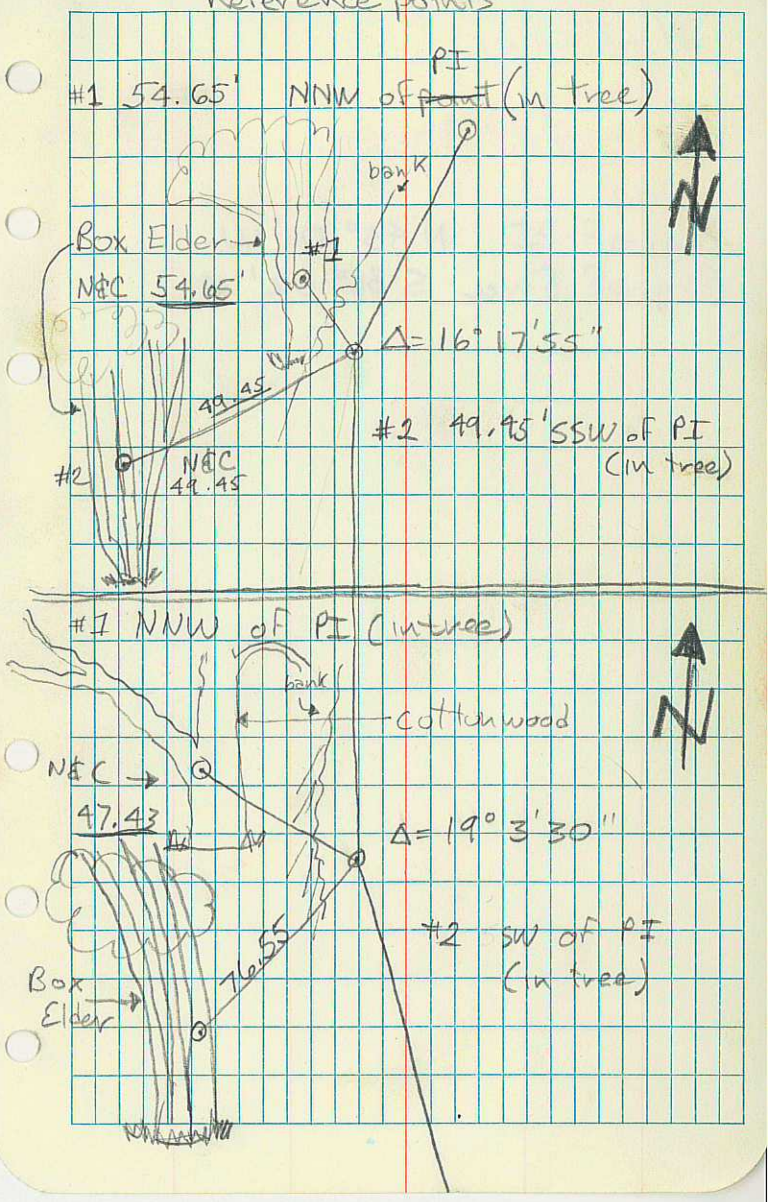
41° 45' 45" Rt. E = 15'

274.87

Δ = 49° 20' 00" Lt. E = 11.0'

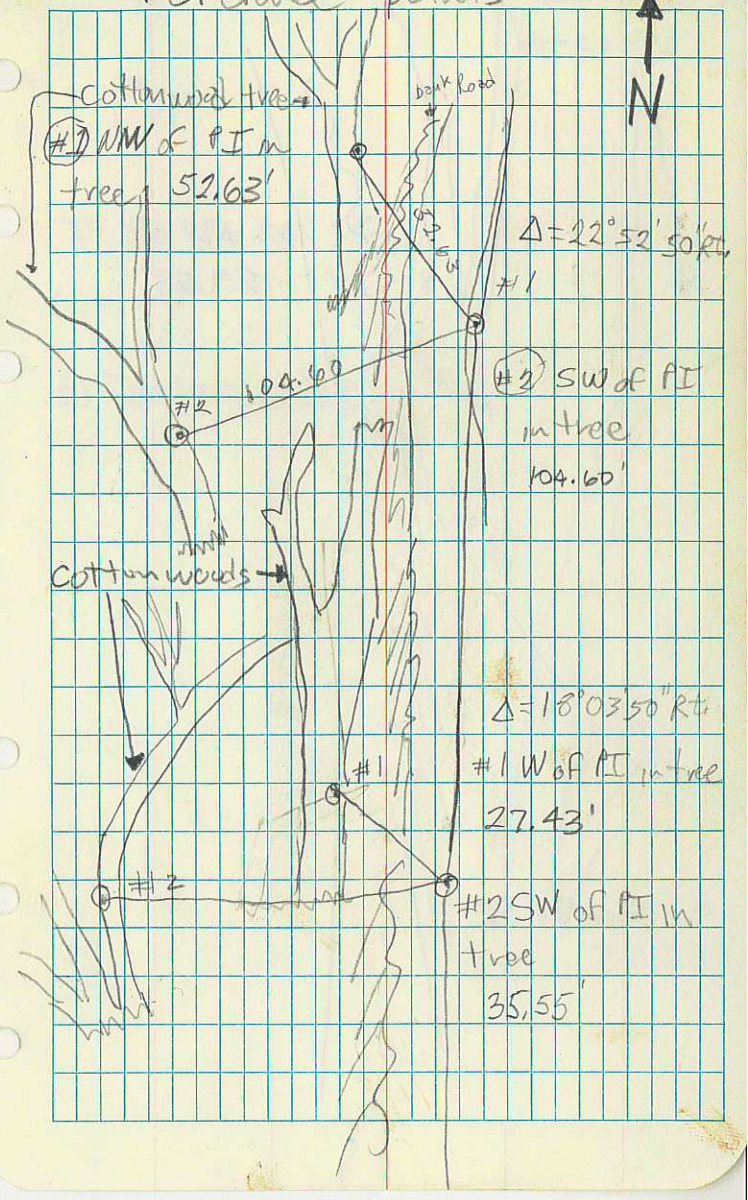
Δ = 123° 00' 00" Lt.

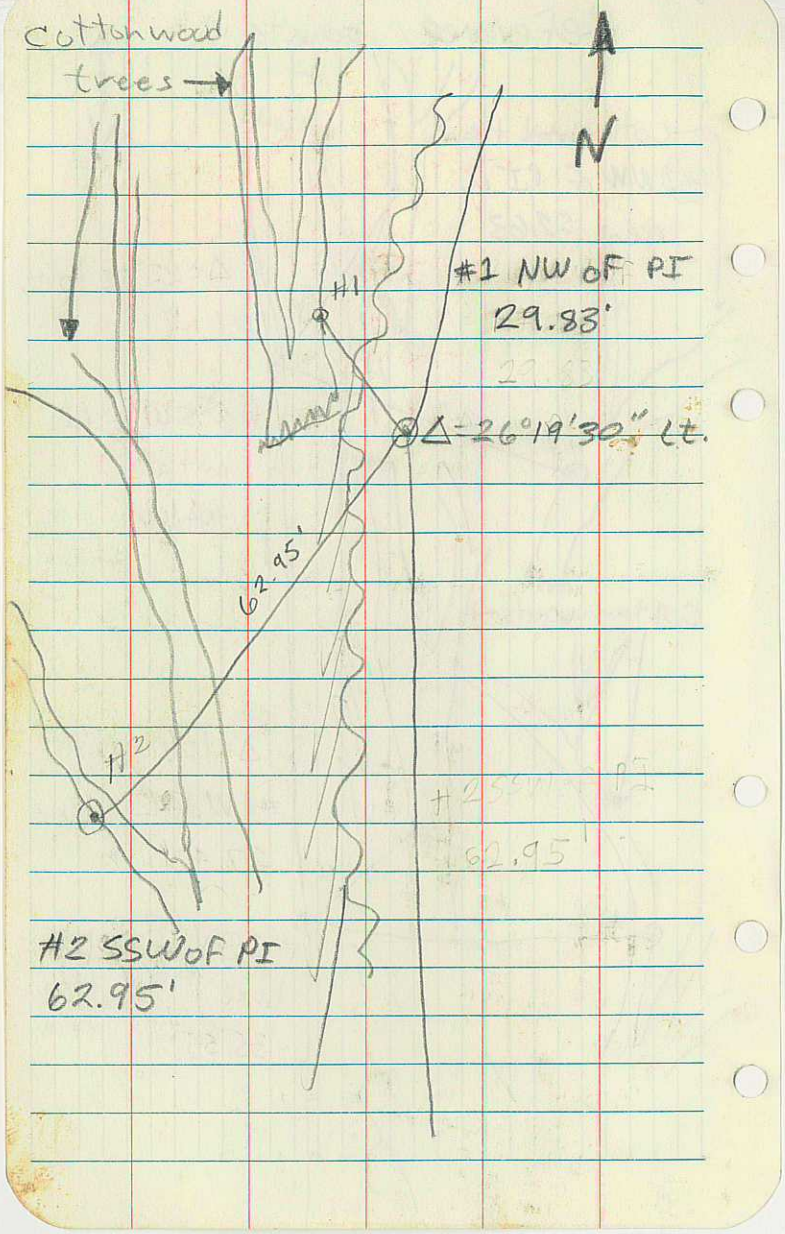
Reference points

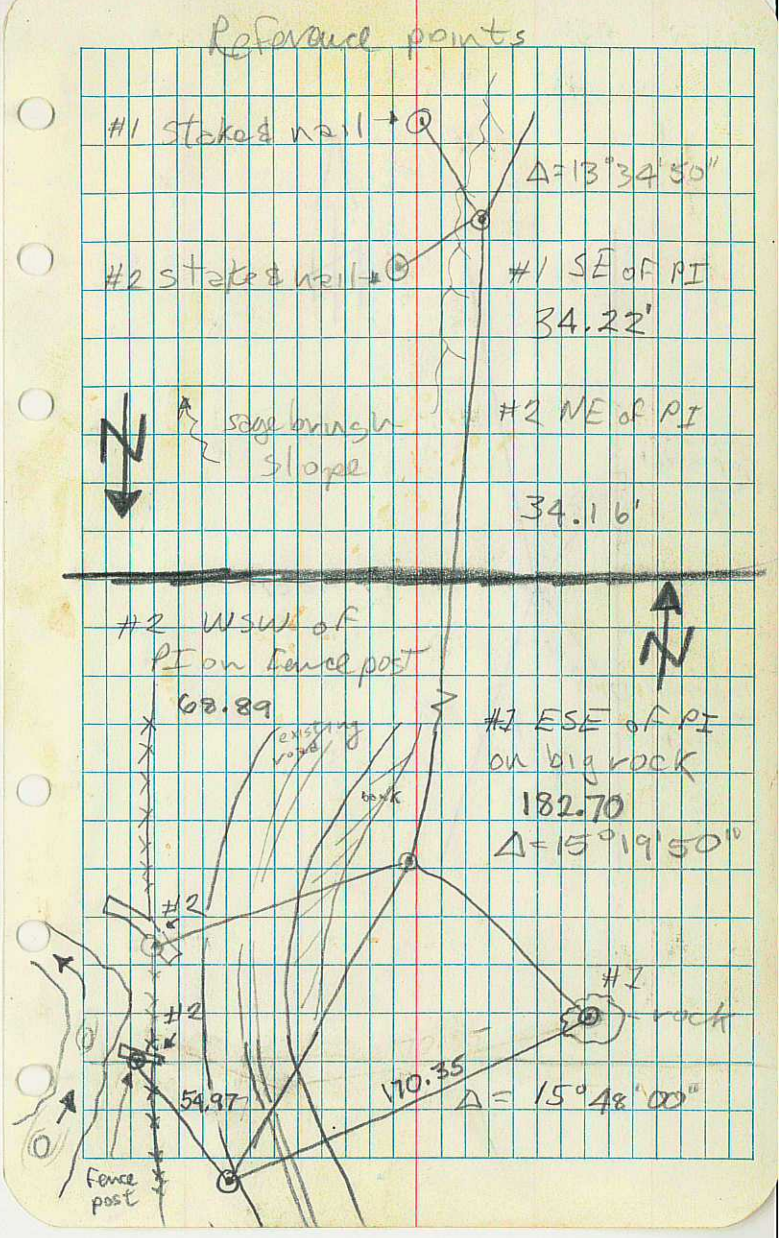


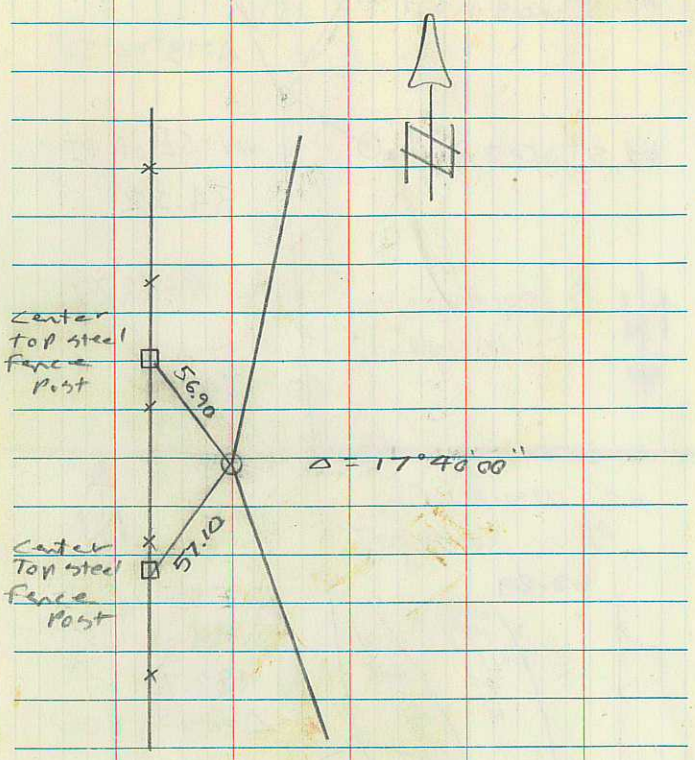
Brg. of PI N 43° 01' W
Brg. of Fence S 88° 02' W

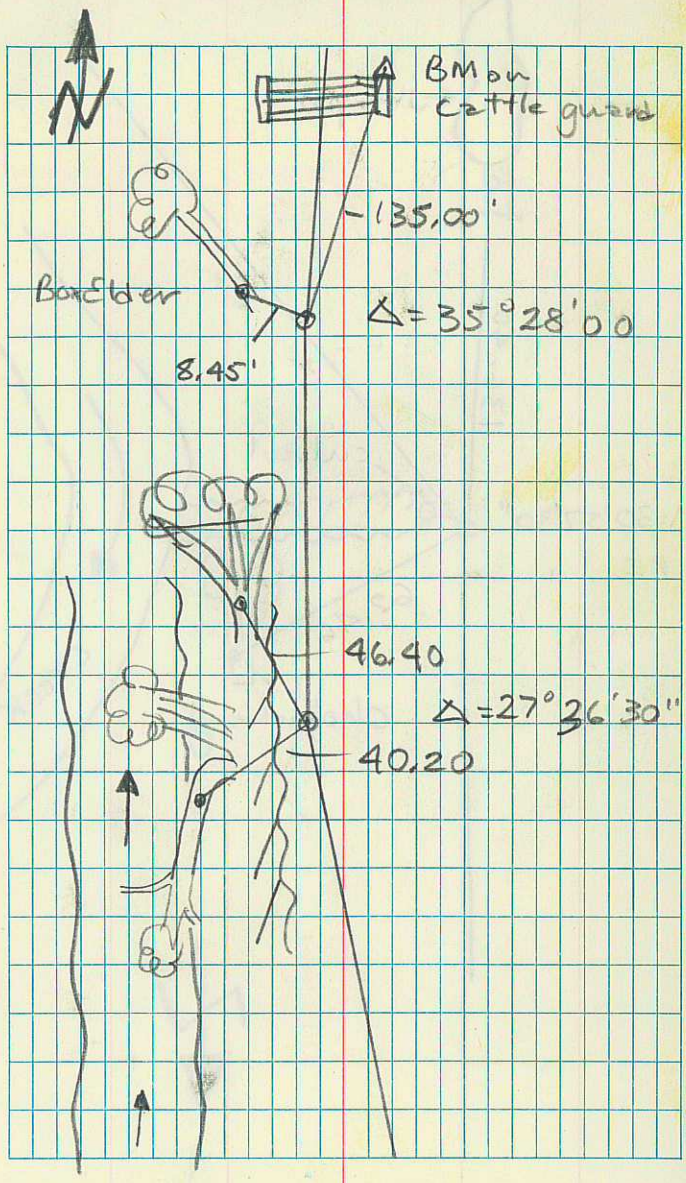
Reference points

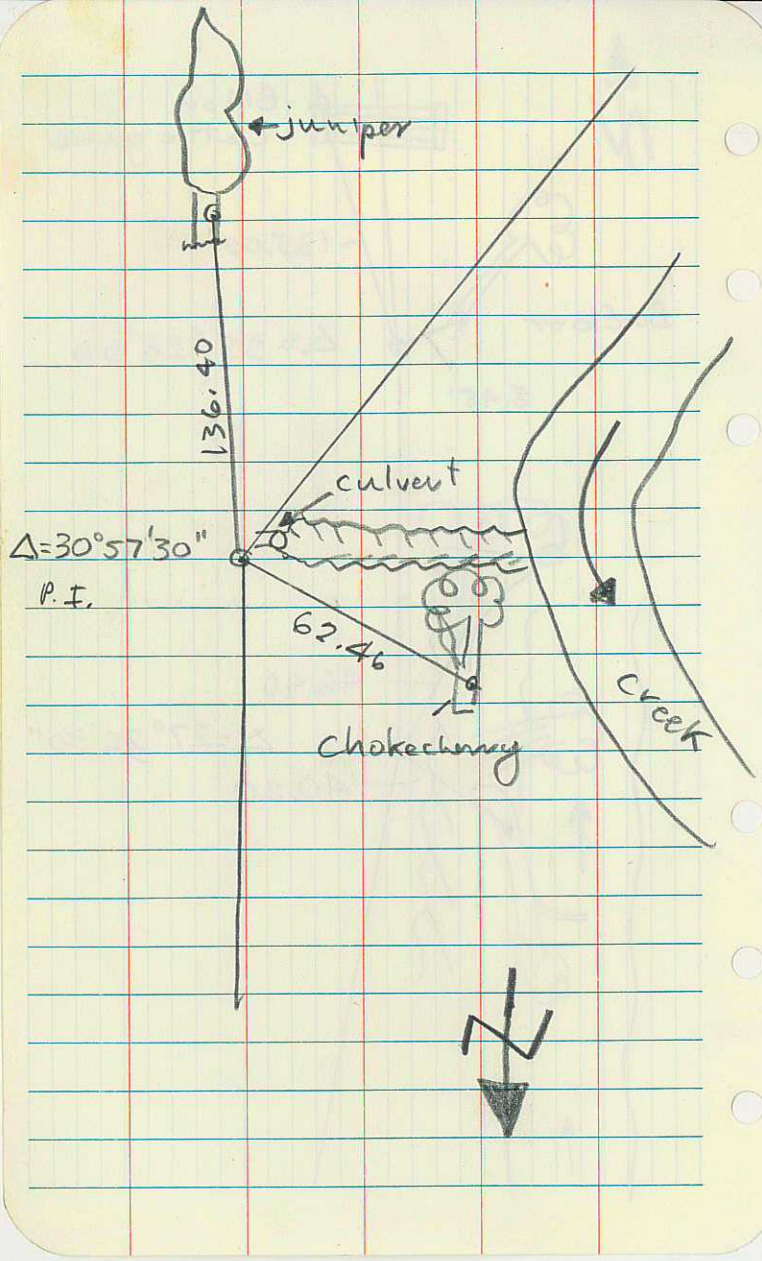


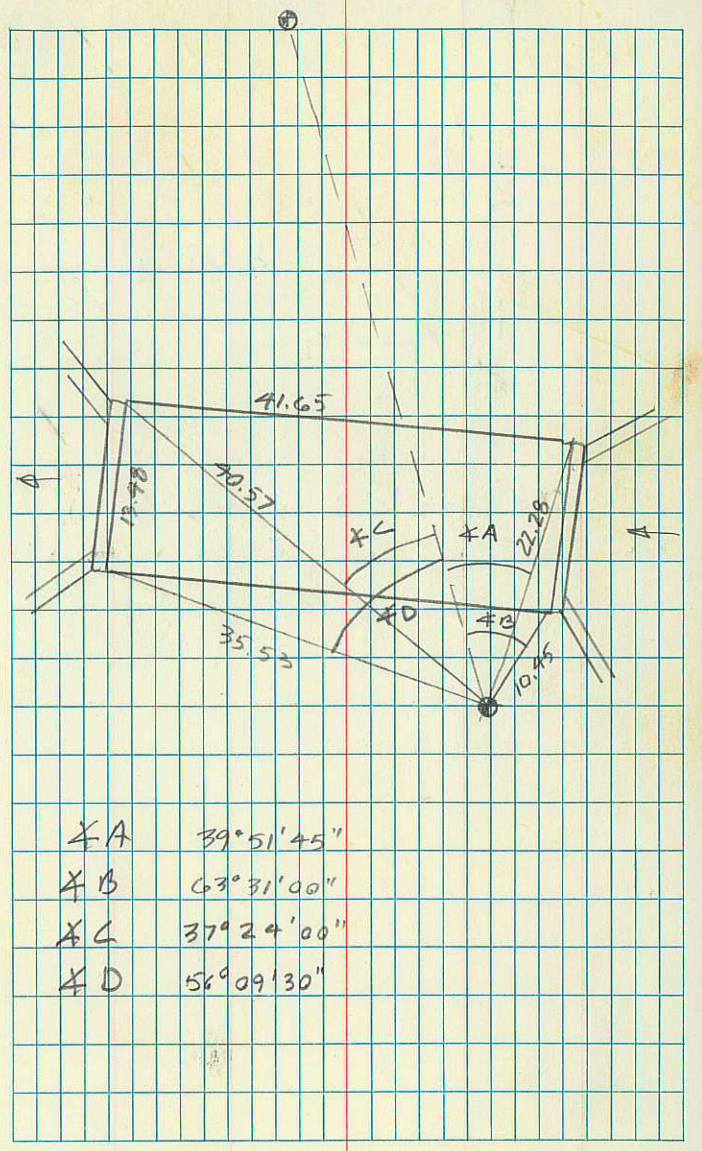

cottonwood trees
N
#1
#1 NW of PI
29.83'
Δ=26°19'30" Lt.
62.95'
#2
#2 SSW of PI
62.95'


Referenced points
#1 stake & nail
Δ=13°34'50"
#2 stake & nail
#1 SE of PI
34.22'
N
sagebrush slope
#2 NE of PI
34.16'
#2 WSW of PI on fence post
62.89
N
existing road
#1 ESE of PI on big rock
182.70
Δ=15°19'50"
#2
#1
rock
#2
54.97
170.35
Δ= 15°48'00"
Fence post

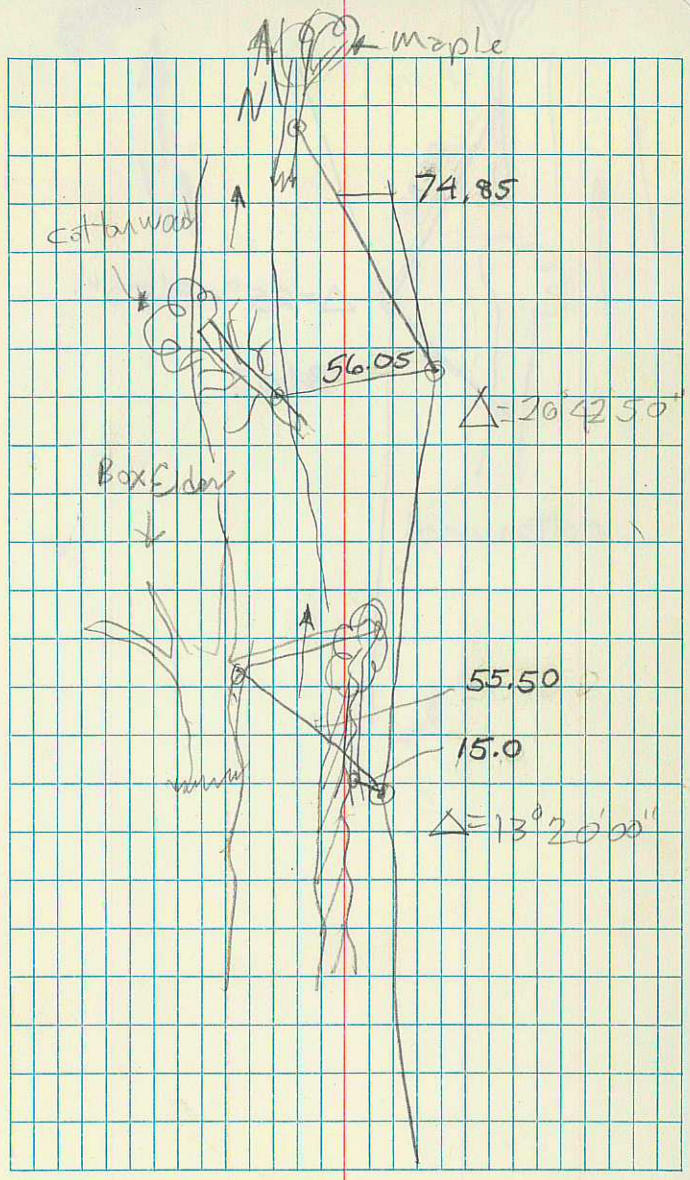

Center top steel fence Post
56.90
Δ = 17°40'00"
57.10
Center Top steel fence Post

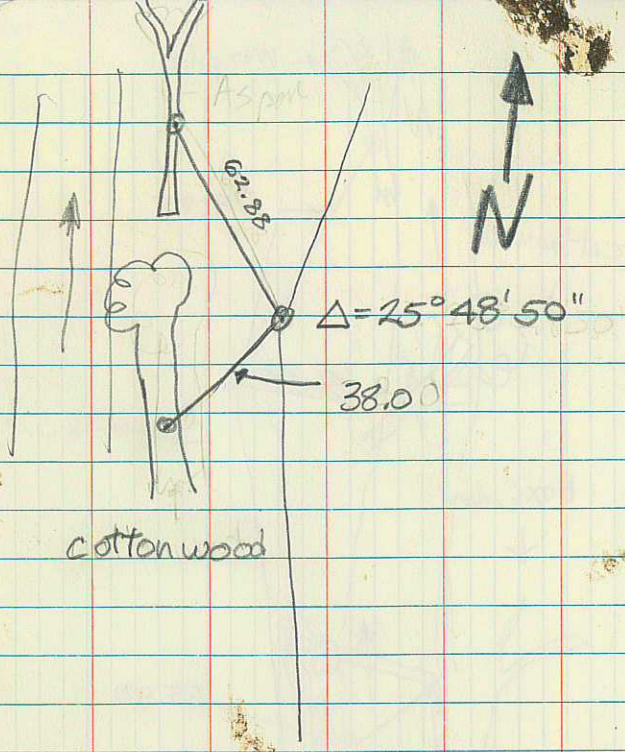

N
BM on cattle guard
135.00'
Box Elder
Δ = 35°28'00
8.45'
46.40
Δ = 27°36'30"
40.20



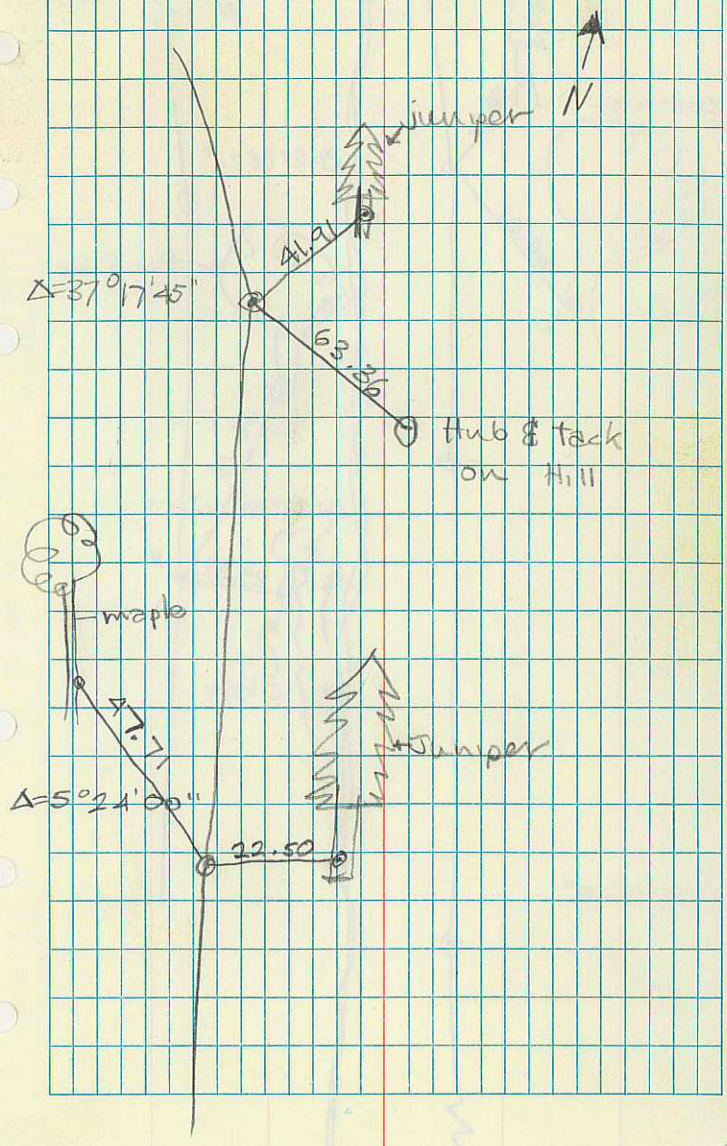


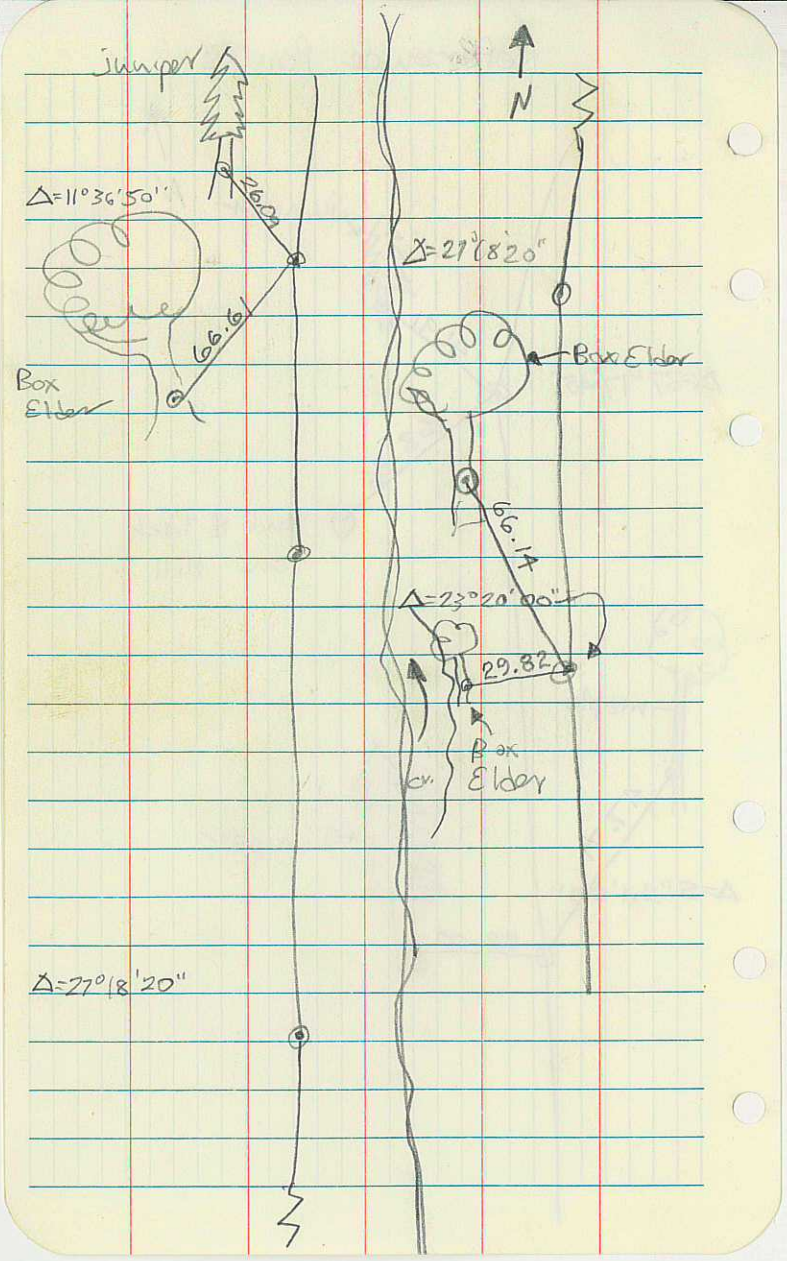
∡A	39°51'45"
∡B	63°31'00"
∡C	37°24'00"
∡D	56°09'30"

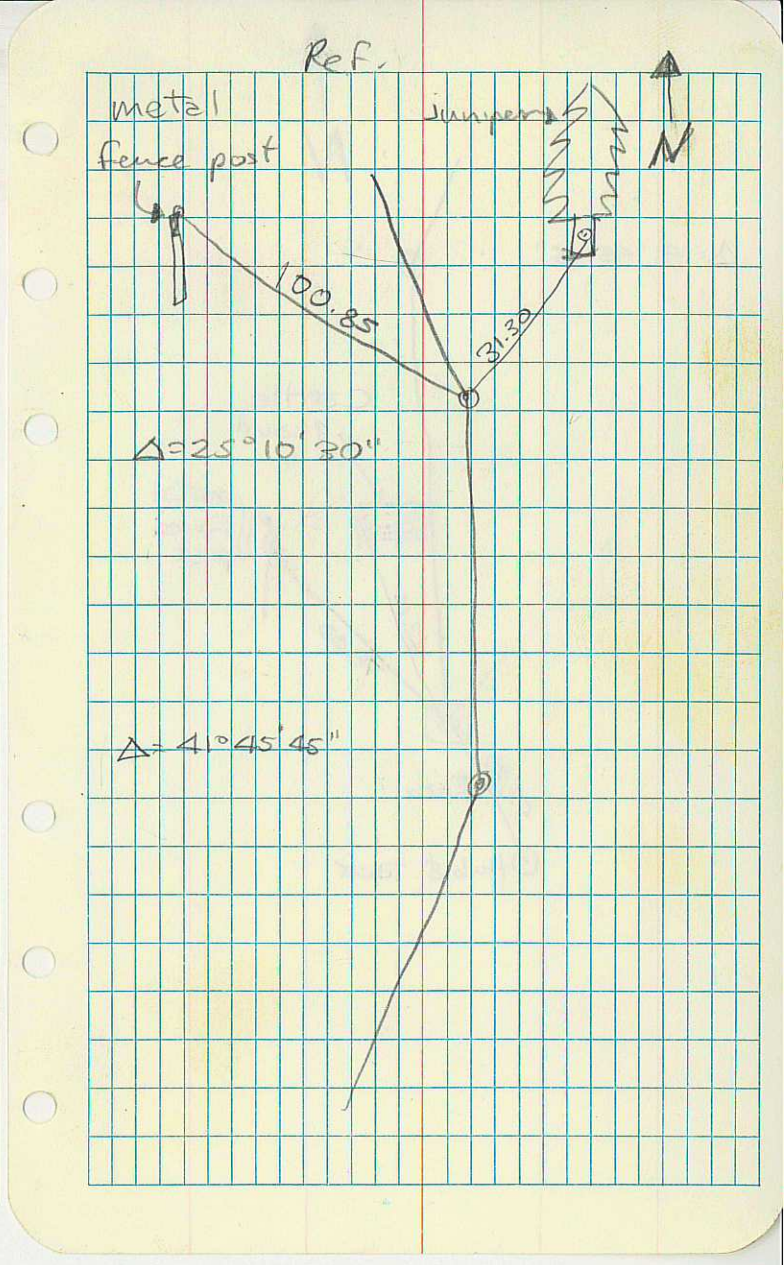

maple
74.85
cottonwood
56.05
Δ=20°42'50"
Box Elder
55.50
15.0
Δ=13°20'00"

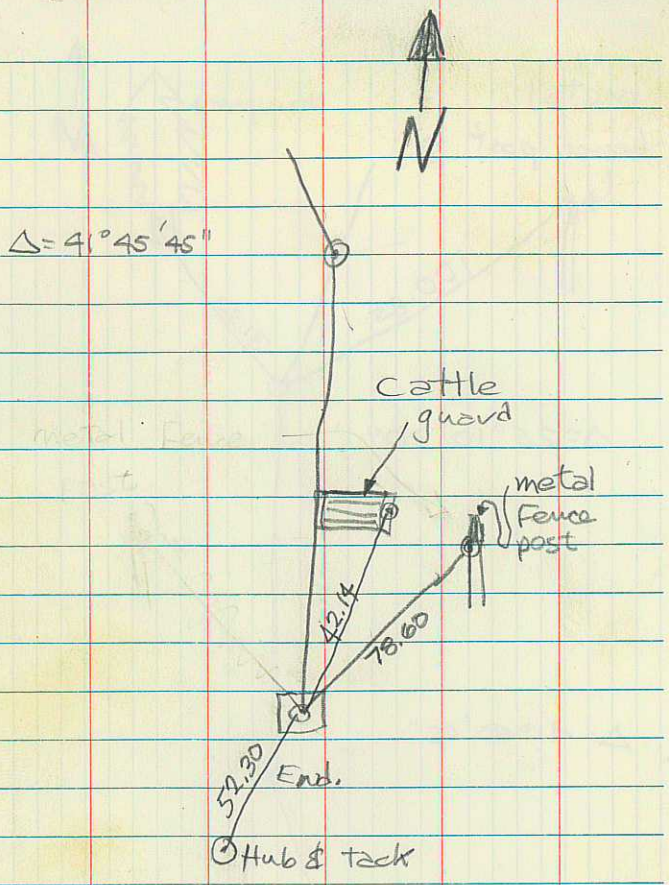


Reference Points




juniper
N
Δ=11°36'50"
26.0
66.6
Box Elder
Δ=27°18'20"
Box Elder
66.14
Δ=23°20'00"
29.82
Box Elder
Δ=27°18'20"


Ref.
metal fence post
juniper
N
100.85
31.30
Δ=25°10'30"
Δ=41°45'45"


N
Δ = 41°45'45"
Cattle guard
metal Fence post
42.14
78.60
52.30
End.
Hub & tack

STA	B.S.	HZ. ∡	Dist.	
P.I. Δ=9°21'00"	P.F. Δ=35°25'00"			
		19°30' Lt.	110.0'	Fence cor.
		51°10' Lt.	60.0'	Fence cor.
		37°53' Lt.	42.0'	Light pole
		23°01' Rt.	29.0'	North end of culvert.
		155°50' Lt.	31.0'	South " " "
		104°39' Rt.	100.0'	Fence corner.
		110°58' Rt.	116.0'	NW cor. of shed.
		125°13' Rt.	~~144.0'~~ blank	SW cor. of shed.
		143°25' Rt.	144.0'	NW cor. of barn.
		159°52' Rt.	177.0'	SW cor. of barn.
P.I. Δ=23°56'30"				55' West ℄ of 15' wide canal.
P.I. Δ=9°14'50"				
P.I. Δ=23°24'10"	P.I. Δ=36°22'15"	147°34' Lt.	320.0'	fence corner.
		146°56' Lt.	202.0'	Fence corner. - jog in fence.
		90° Rt.	30.0'	Center of canal.
		87°29' Lt.	34.0'	Fence.
		59°16' Lt.	34.0'	Fence.
		21°30' Rt.	196.0'	corral. pole fence.
		6°39' Rt.	194.0'	NW cor. Loading chute.
		5°00' Rt.	197.0'	NE cor. Loading chute
		3°30' Rt.	210.0'	NE cor. shed.
		4°40' Lt.	217.0'	fence.

STA.	B.S.	Horiz. ∡	Dist.	
P.I. Δ=23°24'10"		3° 35' Rt. ~~335° 00' Rt.~~	380.0'	
Cont.		1°16' Lt.	405.0' ~~505.0'~~	
		0°12' Lt.	425.0'	
		8° 38' Rt.	444.0'	
		9° 50' Rt.	570.0'	
P.I. Δ=36°22'15"				
P.I. P.I. Δ=14°08'10" Δ=17°15'50"		161° 50' Rt.	402.0'	
		162°09' Rt.	402.0'	
		161° 50' Rt. ~~1 230° 66'~~	366.0'	
		170° 22' Rt.	300.0'	
		131°21' Rt.	48.0'	
		100°13' Rt.	80.0'	
		65°30' Lt.	30.0'	
		29° 55' Lt.	31.0'	
		12° 39' Lt.	167.0'	
		22°00' Rt.	200.0'	
		16°28' Rt.	232.0'	
		15°34' Rt.	246.0'	
		11° 11' Lt.	327.0'	
		10° 38' Lt.	483.0'	
		0° 28' Rt.	572.0'	
P.I. Δ=17°15'50"				

Fence corner.
North end of gate.
South end of gate.
fence
fence.

NE cor. hay shed.
fence.
fence cor.
fence.
fence. cor.
fence cor.
jog in fence.
fence.
fence.
fence.
fence.
fence.
fence.
fence.
fence.

STA.	B.S.	Horiz. ∡	dist.	remarks
P.I. Δ=23°31'40"	P.I. Δ=23°54'50"	152°07' Rt.	333.0'	fence corner
		160° 16' Rt.	342.0'	fence.
		160° 33' Rt.	322.0'	fence corner
		161° 22' Rt.	251.0'	fence.
		145° 30' Rt.	207.0'	fence.
		165° 13' Rt.	146.0'	fence.
		124° 51' Rt.	103.0'	fence.
		170° 40' Rt.	15.0'	fence.
		85° 02' Rt.	62.0'	fence.
		7° 50' Lt.	126.0'	fence.
		5° 52' Rt.	202.0'	fence.
		9° 41' Lt.	330.0'	fence.
		2° 13' Rt.	323.0'	fence.
		2° 03' Lt.	430.0'	fence.
P.I. Δ=23°54'50"	P.I. Δ=23°31'40"	166° 06" Rt.	168.0'	fence.
		143° 31" Rt.	168.0'	fence.
		150° 23" Rt.	280.0'	fence cor.
		162° 27" Rt.	350.0'	fence. cor.
		161° 26" Rt.	350.0'	fence cor.
		151° 26" Rt.	340.0'	fence ~~cor.~~ jog
		153° 09' Rt.	445.0'	fence
		154° 10' Rt.	550.0'	fence cor.
		155° 06' Rt	640.0'	fence

STA.	B.S.	Horiz. ∡	dist.	remarks
P.I. Δ=23°54'50"		158°00' Rt.	795.00'	Fence.
cont.		155°20' Rt.	820.00'	Fence.
		157°10' Rt.	885.00'	Fence.
		154°38' Rt.	950.00'	Fence.
		157°29' Rt.	1000.00'	Fence.
P.I. Δ=51°29'00"	P.I. Δ=23°54'50"			
		2°14' Lt.	± 1200.0'	Fence.
		1°52' Lt.	~~100'~~ 1025.0'	Fence.
		3°20' Lt.	870.0'	Fence.
		4°00' Lt.	750.0'	Fence.
		4°36' Lt.	700.0'	fence corner.
		4°06' Lt.	486.0'	Fence.
		12°26' Rt.	118.0'	Fence.
		140°40' Lt.	38.0'	Fence.
		141°43' Lt.	180.0'	Fence.
P.I. Δ=43°43'20"	P.I. Δ=51°29'00"			
		12°58' Rt.	280.0'	Fence.
		19°25' Rt.	210.0'	Fence.
		75°59' Rt.	77.0'	Fence.
		123°35' Rt.	151.0	fence corner.
		143°38' Rt.	147.0	Fence.
		142°29' Rt.	224.0	Fence.
		135°48' Rt. ~~235~~	233.0	Fence.

STA.	B.S.	Horiz. ∡	Distance	Remarks
P.I. Δ=43°43'20"		146°17' Rt.	310.00'	Fence.
cont.		149°57' Rt.	372.00'	Fence.
		144°13' Rt.	382.00'	Fence.
		149.59' Rt.	491.00'	Fence corner.
		147.21' Rt.	(98/8) 588.00' (?)	Fence end.
		~~151.35'~~ 151°35' Rt.	510.00'	Fence.
		151°47' Rt.	532.00'	East end of culvert.
		153°19' Rt.	580.00'	Fence.
		151°03' Rt.	576.00	Fence.
P.I. Δ=39°26'00"	P.I. Δ=43°43'20"			
		135°37' Lt.	258.00'	~~Fence.~~ West end of culvert.
		136°22' Lt.	257.00'	Fence.
		138°48' Lt.	390.00'	Fence.
		144°37' Lt.	392.00'	Fence.
		143°50' Lt.	502.00'	Fence.
		138°43' Lt.	± 500.00'	Fence.
P.I. Δ=34°51'50"	P.T. Δ=39°26'00"			
		2°30' Lt.	424.00'	Fence.
		4°02' Lt.	293.00'	Fence corner.
		3°07' Lt.	285.00'	Fence.
		3°23' Lt.	226.00'	Fence.
		7°45' Rt.	182.00'	Fence.
		43°28' Rt.	109.00'	Fence corner.

STA.	B.S.	Horiz. ∡	Distance
Δ=34°51'50"		42°56' Rt.	100.00'
cont.		43°54' Rt.	61.00'
		112°20' Rt.	210.00'
		112°38' Rt.	210.00'
		119°30' Rt.	176.00' TS
		144°27' Rt.	333.00'
		145°52' Rt.	367.00'
		119°33' Rt.	266.00'
		137°26' Rt.	402.00'
		139°29' Rt.	580.00'
		147°50' Rt.	431.00'
		147°06' Rt.	447.00'
		146°54' Rt.	712.00'
		141°01' Rt.	803.00'
		141°34' Rt.	960.00'
		146°35' Rt.	900.00'
P.I. Δ=13°22'50"			
P.I. Δ=11°16'20"	P.I. Δ=13°22'50"		
		2°25' Lt.	450.00'
		5°47' Lt.	204.00'
		13°10' Lt.	86.00'
		140°30' Lt.	16.00'
		177°33' Rt.	99.00'

Fence, corner.
Fence.
Fence.
BM.
Fence.
Fence corner.
Fence corner.
Fence.
Fence.
Fence.
Fence.
Fence.
Fence.
Fence.
Fence.
Fence.
Fence.
Fence.
Fence.
Fence.
Fence.

10,996.00
100

STA.	B.S.	Horiz. ∡	Distance	
P.I. Δ=11°16'20"		169°28" Rt.	190.00'	Fence.
Cont.		172°51' Rt.	190.00'	Fence.
P.I. Δ=10°56'30"				
P.I. Δ=13°02'00"				
P.I. Δ=34°32'30"	P.I. Δ=13°03'00"			
		14°07' Rt.	427.00'	Fence Corner.
		11°17' Rt.	239.00'	Fence.
		7°18' Lt.	171.00'	Fence.
		71°55' Lt.	35.00'	Fence.
		49°18' Rt.	27.00'	~~bridge~~ Fence.
		93°29' Rt.	14.00'	~~bridge~~ Fence.
		136°22' Lt.	164.00'	Fence.
		151°14' Lt.	180.00'	Fence.
P.I. Δ=41°22'30"	P.I. Δ=34°32'30"			
		39°00' Rt.	44.00'	~~Fence.~~ Fence.
		73°24' Lt.	15.00'	Fence.
		177°00' Lt.	41.00'	Fence.
		114°42' Rt.	90.00'	Fence.
		132°26' Rt.	220.00'	Fence Corner.
		151°18' Rt.	240.00'	Fence.
		137°08' Rt.	394.00'	Fence.
		138°29' Rt.	520.00	Fence.
P.I. Δ=16°59'00"				

STA.	B.S.	∡ (Horiz)	Distance	
P.I. ~~Δ=31°33'00"~~	P.I. Δ=16°59'00"			
Δ 60°53'15"	Δ 31°33'00"	9°55' Lt.	290.00'	Fence.
		12°15' Lt.	142.00'	Fence.
		28°43' Rt.	82.00'	Fence.
		153°37' Lt.	102.00'	Fence. ~~covers~~
	A	125°53' Lt.	100.00'	East end of culvert under cat. guard.
	B	117°34' Lt.	100.00'	East end of Cattle guard.
	C	109°55' Lt.	104.00'	West end of cattle guard.
	D	102°48' Lt.	106.00'	~~West end of cul~~ Westend concrete ditch
	E	99°41' Lt.	110.00'	drop in concrete ditch
	F	91°28' Lt.	121.00'	fence corner.
	G	82°31' Lt.	97.00'	fence.
	H	139°02' Lt.	123.00'	concrete weir.
	I	136°22' Lt.	122.00'	West edge of concrete.
	J	102°49' Lt.	225.00'	fence.
P.I. Δ=13°34'50"	P.I. Δ=16°17'55"			
		150°20' Rt.	320.0'	Fence
		151°20' Rt.	160.0'	Fence
		44°09' Rt.	75.0'	Fence
		8°38' Rt.	356.0'	Fence. Cor.
	A	9°55' Rt.	360.0'	Fence Cor.
	B	9°29' Rt.	360.0'	N. End gate
		7°37' Rt.	372.0'	S. End gate

STA.	B.S.	Horiz. ∡	Distance
		2°33' Rt.	723.0'
		2°23' Rt.	751.0'
		1°32' Rt.	760.0'
		1°30' Lt.	760.0'
		1°52' Rt.	835.0'
		1°30' Rt.	910.0'

N. End Gate

S. End Gate

W. end culvert.

E. end Culvert.

Fence cor.

Fence Cor.

STA.	B.S.	Horiz. ∡	Distance

STA	B.S. (+)	H.I.	F.S. (−)	I.F.S. (−)	ELEV.
B.M.	0 31	5012 17			5011 86
T.P.			12 71		4999 46
	0 62	5000 08			
T.P.			13 07		4987 01
	0 35	4987 36			
T.P.			12 63		4974 73
	6 61	4981 34			
0+00				7 0	4974 34
1+00				7 5	4973 84
2+00				6 9	4974 44
3+00				5 0	4976 34
4+00				5 1	4976 24
5+00				5 7	4975 64
6+00				6 0	4975 39
BM			7 79		4973 55
B.M.	7 09	4980 70			4973 61
7+00				5 6	4975 10
8+00				5 4	4975 30
9+00				4 9	4975 80
10+00				5 2	4975 50
11+00				5 3	4975 40
12+00				5 5	4975 20
13+00				6 2	4974 50

"28 WF 1954 5072" 4973 61

5072 50

B.M. "29 WF 1954 5012"

Rock in road

" " "

" " "

Chiseled □ N. end head gate between Bond & Canal (4973 61)

STA	B.S.	H.I.	F.S.	I.F.S.	Elev.
		4980 70			
14+00				6 5	4974 20
15+00				5 4	4975 30
16+00				3 1	4977 60
T.P.				1 30	4979 40
	10 90	4990 30			
17+00				9 7	4980 60
18+00				7 9	4982 40
19+00				6 3	4984 00
20+00				4 4	4985 90
21+00				1 6	4988 70
E End Culvert				1 93	4988 37
B.M. #1			0 99		4989 31
	11 84	5001 15			
W. End Clvt.				12 43	4988 72
22+00				8 7	4992 45
23+00				2 5	4998 65
T.P.			0 38		5000 77
	11 45	5012 22			
24+00				9 3	5002 92
25+00				6 3	5005 92
26+00				5 6	5006 62

E End Culvert

. Nail in telephone pole SE of House.

STA.	B.S.	H.I	F.S.	I.F.S.	Elev.
27+00				4^{8}	5007^{47}
28+00				3^{2}	5009^{02}
29+00				0^{6}	5011^{62}
T.P			0^{67}		5011^{55}
	13^{15}	5024^{70}			
30+00				9^{3}	5015^{40}
31+00				5^{8}	5018^{90}
32+00				1^{3}	5023^{40}
T.P.			1^{45}		5023^{25}
	9^{01}	5032^{26}			
33+00				8^{0}	5024^{26}
34+00				7^{3}	5024^{96}
35+00				5^{2}	5027^{06}
36+00				3^{2}	5029^{06}
T.P.			0^{83}		5031^{43}
	7^{16}	5038^{59}			
37+00				6^{0}	5032^{59}
38+00				4^{6}	5033^{99}
39+00				4^{9}	5033^{69}
40+00				5^{3}	5033^{29}
41+00				5^{0}	5033^{59}
42+00				3^{9}	5034^{69}
43+00				1^{5}	5037^{09}

STA.	B.S.	H.I.	F.S.	I.F.S.	Ele.
T.P			1^{89}		5036^{70}
	12^{62}	5049^{32}			
44+00				8^{7}	5040^{62}
45+00				6^{4}	5042^{92}
45+50				6^{1}	5043^{22}
46+00				4^{4}	5044^{92}
T.P.			0^{78}		5048^{54}
	6^{19}	5054^{73}			
47+00				4^{2}	5050^{53}
48+00				3^{8}	5050^{93}
49+00				5^{2}	5049^{53}
50+00				5^{2}	5049^{53}
51+00				5^{0}	5049^{73}
52+00				4^{6}	5050^{13}
T.P.			4^{58}		5050^{15}
	2^{59}	5052^{74}			
53+00				2^{2}	5050^{54}
54+00				2^{2}	5050^{04}
55+00				4^{9}	5047^{84}
56+00				5^{2}	5047^{54}
57+00				5^{6}	5047^{14}
58+00				6^{0}	5046^{74}
59+00				6^{5}	5046^{24}

STA.	B.S.	H.I.	F.S.	I.F.S.	Elev.
		5052^{74}			
60+00				5^{9}	5046^{84}
61+00				3^{7}	5049^{04}
62+00				4^{1}	5048^{64}
T.P.			4^{00}		5048^{74}
	2^{32}	5051^{06}			
63+00				3^{2}	5047^{86}
64+00				4^{0}	5047^{06}
65+00				5^{4}	5045^{66}
66+00				6^{0}	5045^{06}
67+00				6^{7}	5044^{36}
68+00				7^{0}	5044^{06}
69+00				6^{5}	5044^{56}
70+00				7^{1}	5043^{96}
71+00				5^{5}	5045^{56}
T.P.			4^{42}		5046^{64}
	12^{80}	5059^{44}			
72+00				12^{4}	5047^{24}
73+00				12^{2}	5047^{24}
74+00				10^{3}	5049^{14}
75+00				4^{9}	5054^{54}
76+00				3^{6}	5055^{84}
77+00				2^{8}	5056^{64}

STA.	B.S.	H.I.	F.S.	I.F.S.	
78+00				1 9	5057 54
T.P.			0 32		5059 12
	5 58	5064 70			
79+00				~~83~~ 81	5056 60
80+00				8 3	5056 40
81+00				9 4	5055 30
82+00				6 9	5057 80
83+00				4 6	5060 10
84+00				0 1	5064 60
T.P.			0 52		5064 18
	7 23	5071 41			
85+00				5 8	5065 61
86+00				5 3	5066 11
87+00				3 5	5067 91
BM 5072 50			1 68		5069 73

BM "28 WF 1954 5072"
(5072 50)

STA.	+ B.S.	H.I.	− F.S.	− I.F.S.	Elev
B.M.	6^{87}	4980^{48}			4973^{61}
7+00				5^{4}	4975^{08}
8+00				5^{1}	4975^{38}
9+00				4^{6}	4975^{88}
10+00				5^{0}	4975^{48}
11+00				5^{1}	4975^{38}
12+00				5^{3}	4975^{18}
13+00				5^{9}	4974^{58}
14+00				6^{3}	4974^{18}
15+00				5^{2}	4975^{28}
T.P.			4^{67}		4975^{81}
	12^{93}	4988^{74}			
16+00				11^{2}	4977^{54}
17+00				8^{1}	4980^{64}
18+00				6^{4}	4982^{34}
19+00				4^{7}	4984^{04}
20+00				2^{9}	4985^{84}
21+00				0^{1}	4988^{64}
T.P.			0^{49}		4988^{25}
	11^{91}	5000^{16}			
B.M.#1			10^{83}		4989^{33}
B.M.	10^{80}	5000^{11}			4989^{31}
22+00				7^{6}	4992^{51}

Notes

Nov. 30 1973. 1:00 PM begin.
H. Newber
V. Payne

Chisled □ N. end headgate between road & canal (4973^{61})

A spike in pole SE of house Bumped π. Re-leveled, used old elevation.

STA.	+ B.S.	H.I.	− F.S.	− I.F.S	Elev.
23+00				1.3	4998.81
T.P.			2.54		4997.57
	12.87	5010.44			
24+00				7.5	5002.94
25+00				4.5	5005.94
26+00				3.8	5006.64
27+00				3.0	5007.44
28+00				1.2	5009.24
T.P.			1.24		5009.20
	11.74	5020.94			
29+00				8.8	5012.14
30+00				5.0	5015.94
31+00				1.5	5019.44
T.P.			2.53		5018.41
	10.75	5029.16			
32+00				6.0	5023.16
33+00				4.9	5024.26
34+00				4.1	5025.06
35+00				1.9	5027.26
T.P.			1.82		5027.34
	10.83	5038.17			
36+00				8.7	5029.47
37+00				5.3	5032.87

Notes

STA.	B.S.	H.I.	F.S.	I.F.S.	Elev.
38+00				4 2	5033 97
39+00				4 6	5033 57
40+00				4 8	5033 37
B.M. #2			4 30		5033 87
	5 46	5039 33			
41+00				5 7	5033 63
42+00				4 7	5034 63
43+00				2 5	5036 83
T.P.			2 43		5036 90
	10 97	5047 87			
44+00				7 7	5040 17
45+00				5 1	5042 77
46+00				4 1	5043 77
T.P.			3 16		5044 71
	11 35	5056 06			
47+00				6 8	5049 26
48+00				4 6	5051 46
49+00				6 1	5049 96
50+00				6 5	5049 56
51+00				6 4	5049 66
52+00				6 4	5049 66
T.P.			6 46		5049 60
	5 35	5054 95			

Notes

40+00 36's of Tree on W side of road.

Finish 3:30 PM

Start 11:00 PM 12/12/73

H.N.

V.P.

"X" chisled in top of rock painted red at base of fence post.

A	B.S.	H.I.	F.S.	I.F.S.	Elev.
53+00				4^{8}	5050^{15}
54+00				4^{7}	5050^{25}
55+00				4^{4}	5050^{55}
56+00				5^{7}	5049^{25}
57+00				7^{5}	5047^{45}
58+00				7^{5}	5047^{45}
T.P.			7^{25}		5047^{70}
	3^{50}	5051^{20}			
59+00				4^{3}	5046^{90}
60+00				4^{7}	5046^{50}
61+00				4^{8}	5046^{40}
62+00				3^{9}	5047^{30}
63+00				2^{6}	5048^{60}
64+00				2^{9}	5048^{30}
65+00				3^{6}	5047^{60}
66+00				4^{6}	5046^{60}
67+00				5^{8}	5045^{40}
68+00				6^{4}	5044^{80}
T.P.			6^{40}		5044^{80}
	4^{87}	5049^{67}			
69+00				5^{3}	5044^{37}
70+00				5^{4}	5044^{27}
71+00				5^{0}	5044^{67}

STA.	B.S.	H.I.	F.S.	I.F.S.	Elev.
72+00				5^{6}	5044^{07}
73+00				3^{2}	5046^{47}
T.P.			2^{71}		5046^{96}
	7^{40}	5054^{36}			
74+00				7^{3}	5047^{06}
75+00				7^{1}	5047^{26}
76+00				4^{5}	5049^{86}
T.P.			3^{01}		5051^{35}
	10^{74}	5062^{09}			
77+00				7^{3}	5054^{79}
78+00				6^{1}	5055^{99}
79+00				5^{4}	5056^{69}
80+00				4^{4}	5057^{69}
81+00				2^{7}	5059^{39}
82+00				2^{8}	5059^{29}
83+00				3^{7}	5058^{39}
84+00				1^{1}	5060^{99}
T.P.			0^{28}		5061^{81}
	11^{77}	5073^{58}			
85+00				10^{1}	5063^{48}
86+00				5^{9}	5067^{68}
87+00				4^{9}	5068^{68}
BM			0^{95}		$5072.^{63}$

BM "28 WF 1954 5072"
(5072^{50})

STA	B.S.	H.I.	F.S.	I.F.S.	Elev.
88+00				4^{5}	5069^{08}

Finish 2:00 pm
88+00 W of Juniper tree
on old road ℄.

B.M. at cattleguard 5269^{80}
B.M. at wooden bridge 5516^{51}
B.M. on large boulder 5703^{15}

$A+B = 25°03'50''$

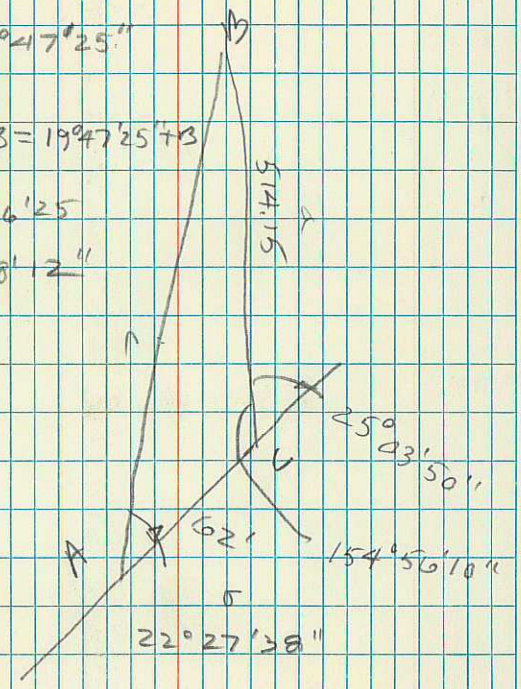
$\tan \frac{1}{2}(A-B) =$

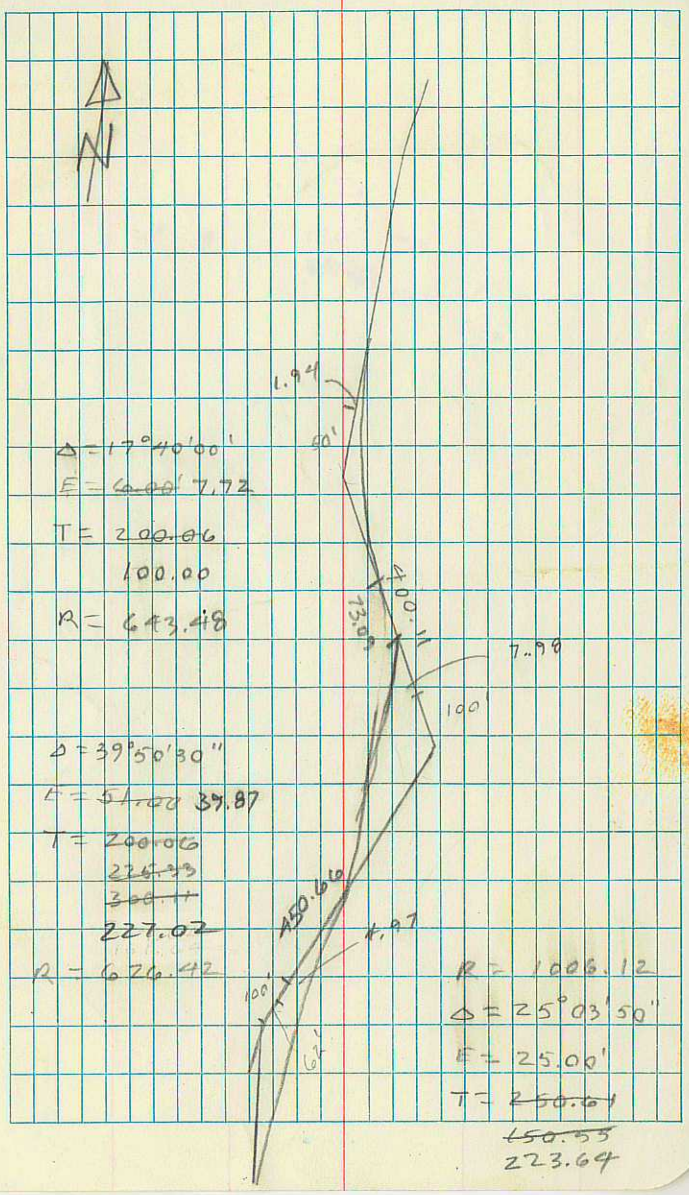
$A-B = 19°47'25''$

$5°03'50 - B = 19°47'25 + B$

$2B = 5°16'25$

$B = 2°38'12''$





$\Delta = 17°40'00'$

E = ~~6.00'~~ 7.72

T = ~~200.06~~

100.00

R = 643.48

$\Delta = 39°50'30''$

E = ~~51.00~~ 37.87

T = ~~200.06~~

~~225.33~~

~~300.11~~

227.02

R = 676.42

R = 1006.12

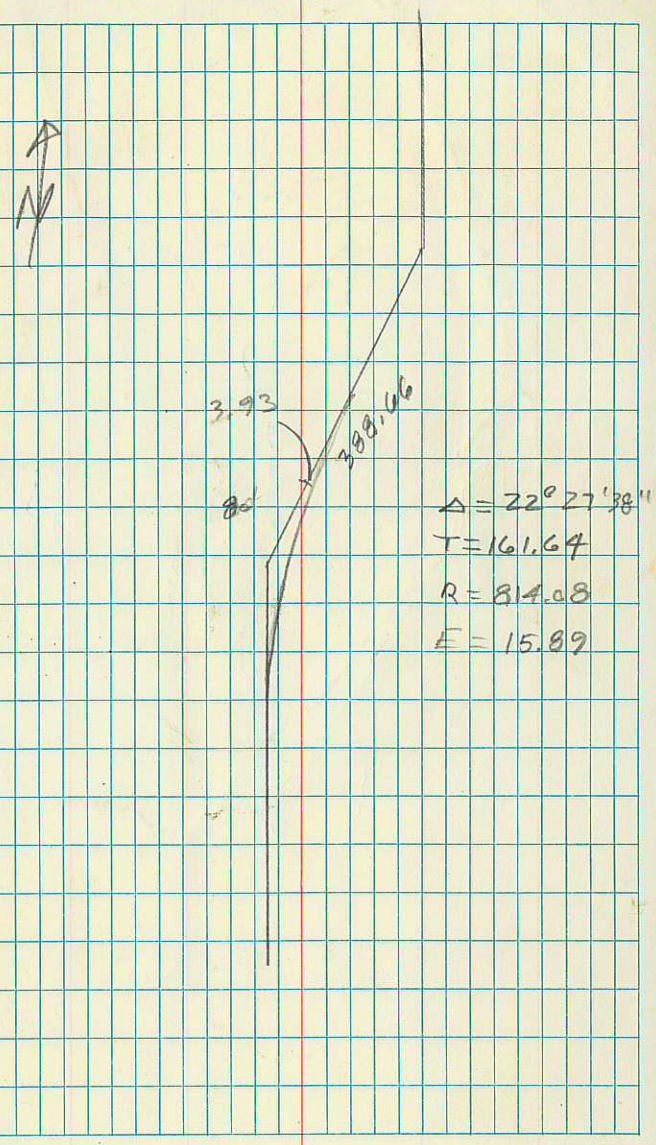
$\Delta = 25°03'50''$

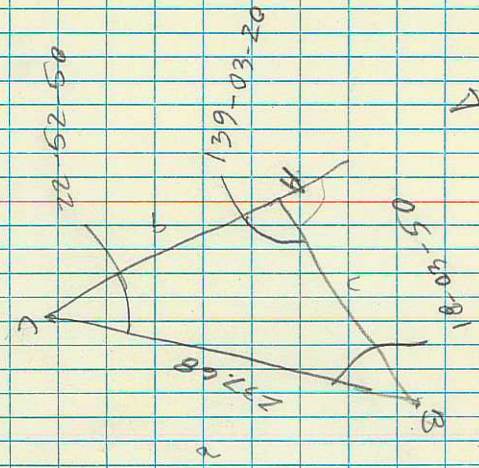
E = 25.00'

T = ~~250.61~~

~~150.55~~

223.64


N
3.93
388.66
86'
Δ = 22° 27' 38"
T = 161.64
R = 814.08
E = 15.89



$b = 112.46$

$c = 141.02$

$\Delta = 40^\circ 56' 40''$

$\tan \frac{1}{2}(A-B) = -0.0020115 43$

$A+B = 1°40'45''$

$\frac{1}{2}(A-B) = 0°08'58''$

$A-B = 0°17'56''$

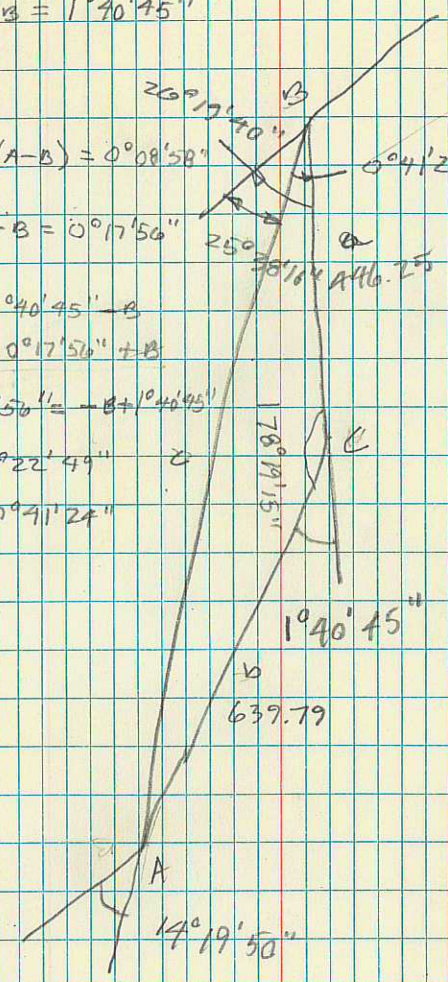
$A = 1°40'45'' - B$

$A = 0°17'56'' + B$

$B + 0°17'56'' = -B + 1°40'45''$

$2B = 1°22'49''$

$B = 0°41'24''$

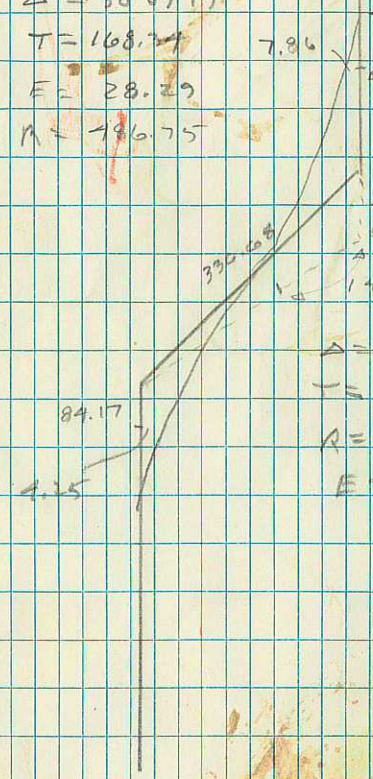


Δ = 38°09'19"

T = 168.34

E = 28.29

R = 486.75

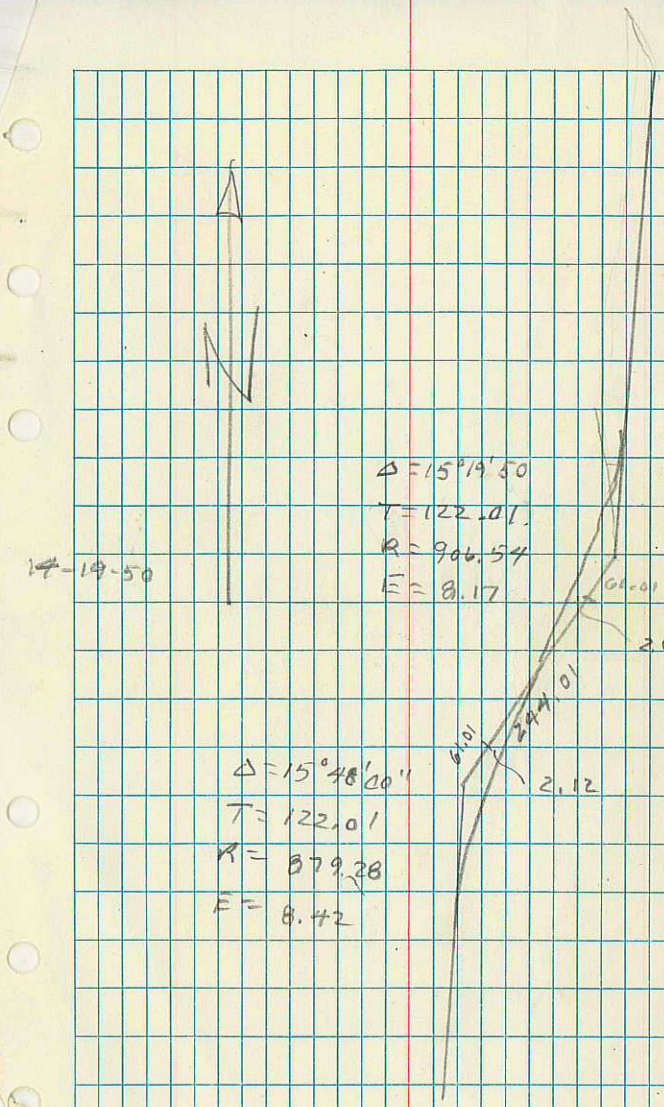


Δ = 22°50'55"

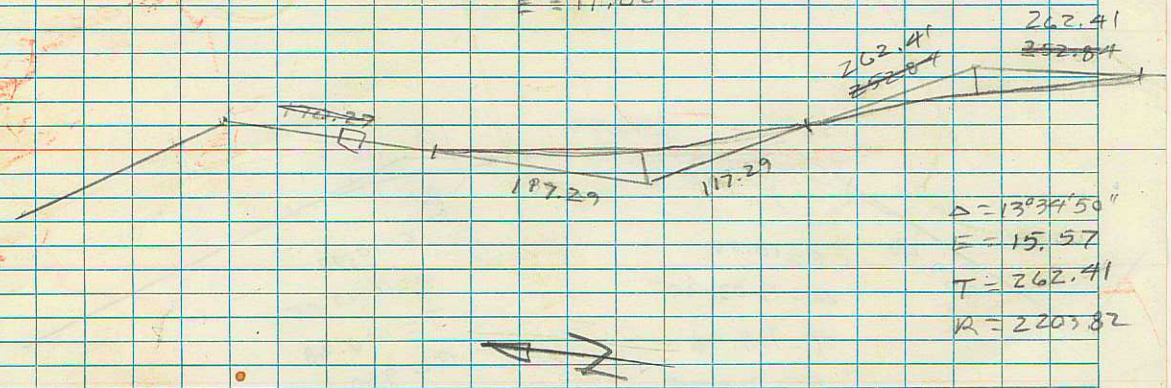
T = 168.34

R = 833.05

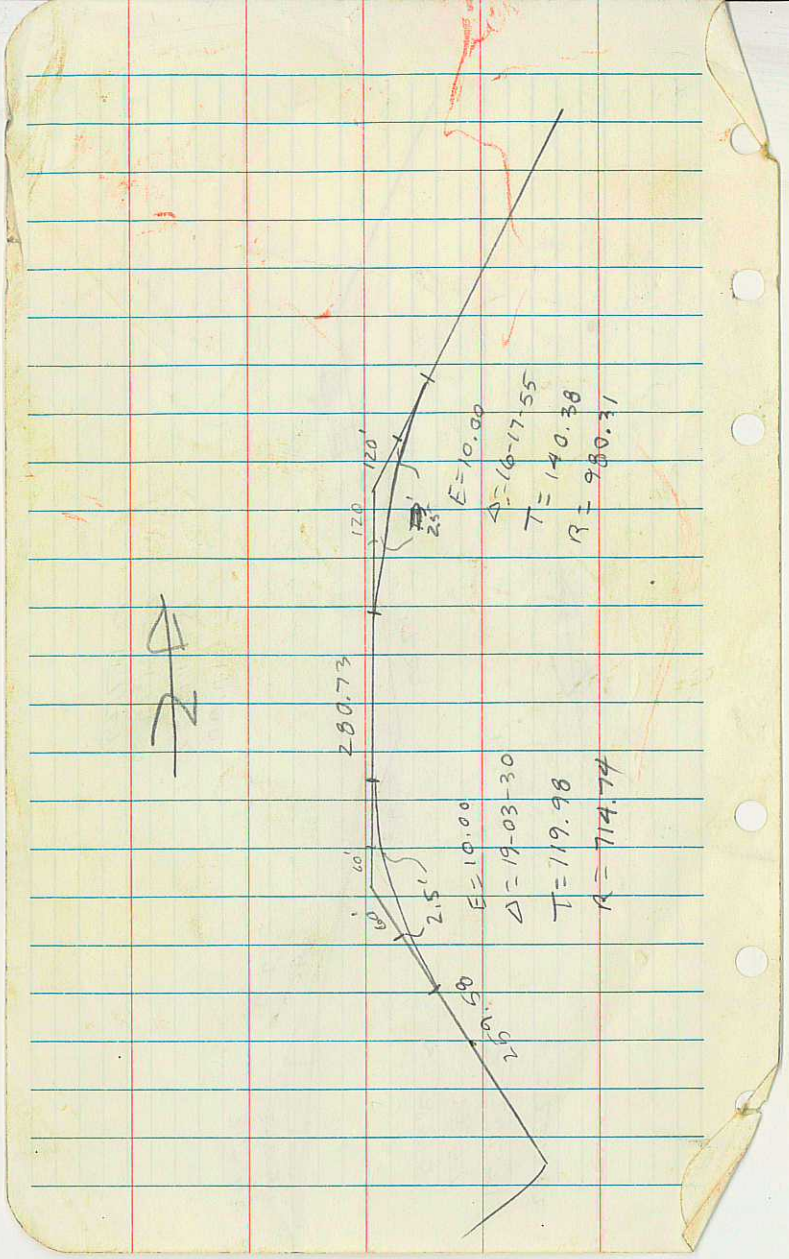
E = 16.84


N
Δ = 15°19'50
T = 122.01
R = 906.54
E = 8.17
14-19-50
60.01
2.05
244.01
61.01
2.12
Δ = 15°48'00"
T = 122.01
R = 879.28
E = 8.42

T = 117.29
Δ = 21°25'50"
R = 619.83
E = 11.00



Δ = 13°34'50"
E = 15.57
T = 262.41
R = 2203.82



10-25-73

π P. Leslie
H. Neuber

EE V. Payne

SUN SHOTS
FOR BEARING
FROM 1/4 COR.
BETWEEN SEC.
27 & 34 TO P.I.
WITH DELTA OF
25°03'50"

Lat. 41° 28' 51"
Temp. 65°
Elev. 5300

Time	Hz.∡	Vert.∡
3:02 34	252° 32' 20"	59° 12' 30"
3:03 15	252° 43' 00"	59° 16' 50"
3:03 55	252° 53' 30"	59° 20' 45"
3:06 00	73° 26' 40"	300° 27' 00"
3:06 56	73° 40' 50"	300° 21' 15"
3:09 28	73° 48' 10"	300° 18' 10"

Time	Horiz ∡	Vert ∡°
3:12 33	255°06'00"	60°14'00"
3:13 12	255°15'50"	60°18'10"
3:13 38	255°22'10"	60°20'50"
	256°18'10"	61°00'30"
3:14 50	76°18'10"	298°59'30"
	256°26'00"	61°03'50"
3:15 21	76°26'00"	298°56'10"
	256°33'10"	61°06'15"
3:15 45	76°23'10"	298°53'45"
2:14 13	255°50'13"	60°40'36"
		29°19'24"

Time	Horiz ∢	Vert ∢
3:18 44	256° 39' 10"	60° 53' 50"
3:19 13	256° 46' 15"	60° 57' 00"
3:19 43	256° 53' 55"	61° 00' 15"
	257° 48' 10"	61° 39' 50"
3:20 52	77° 48' 10"	298° 20' 10"
	257° 54' 10"	61° 42' 50"
3:21 17	77° 54' 45"	298° 17' 10"
	258° 00' 55"	61° 45' 30"
3:21 43	78° 00' 55"	298° 14' 30"
~~2:20 15~~	257° 20' 26"	61° 19' 52'
		~~28° 40' 08"~~

A+B = 40°56'40"

tan ½(A-B) =

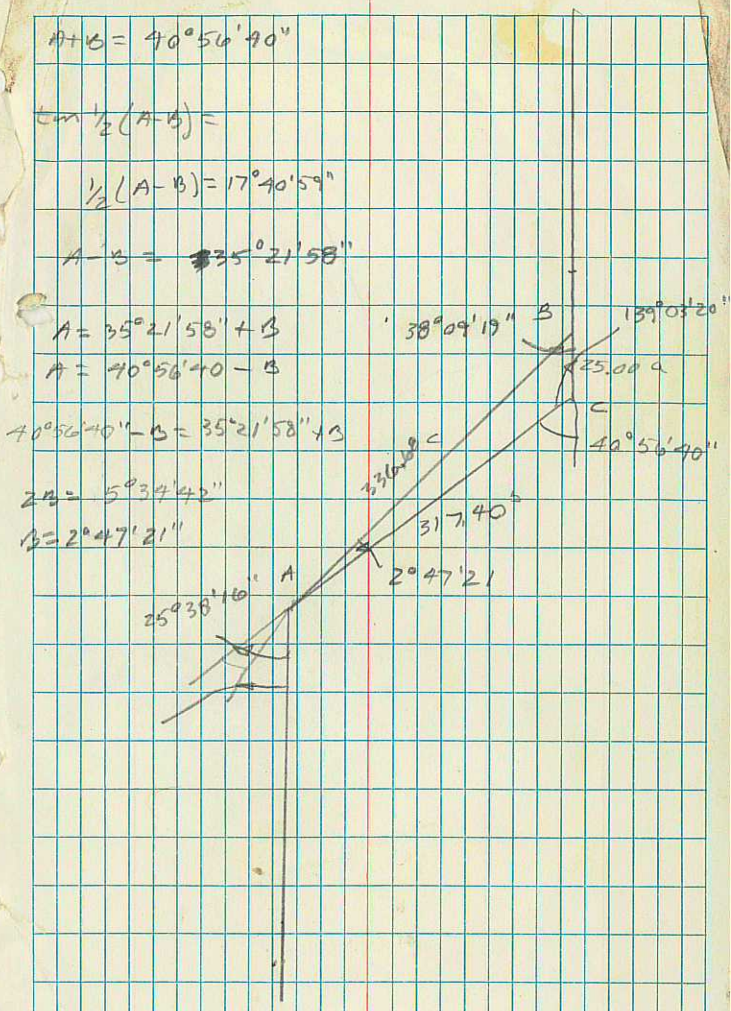
½(A-B) = 17°40'59"

A-B = 35°21'58"

A = 35°21'58" + B

A = 40°56'40 − B

40°56'40" − B = 35°21'58" + B

2B = 5°34'42"

B = 2°47'21"