

F113

VERS

THE  
LOOK

Ed. in 1988  
Cec 88

USFS  
CCC book # 88  
TOWERS  
(found in 1988)

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TABLES FOR EXCAVATIONS AND EMBANKMENTS.

DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING-  
ROADWAY 18 FEET WIDE. SIDE SLOPES 1 TO 1.  
FOR SINGLE TRACK EXCAVATION.

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	0
1	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.8	10.9	1
2	11.0	11.1	11.2	11.3	11.4	11.5	11.6	11.7	11.8	11.9	2
3	12.0	12.1	12.2	12.3	12.4	12.5	12.6	12.7	12.8	12.9	3
4	13.0	13.1	13.2	13.3	13.4	13.5	13.6	13.7	13.8	13.9	4
5	14.0	14.1	14.2	14.3	14.4	14.5	14.6	14.7	14.8	14.9	5
6	15.0	15.1	15.2	15.3	15.4	15.5	15.6	15.7	15.8	15.9	6
7	16.0	16.1	16.2	16.3	16.4	16.5	16.6	16.7	16.8	16.9	7
8	17.0	17.1	17.2	17.3	17.4	17.5	17.6	17.7	17.8	17.9	8
9	18.0	18.1	18.2	18.3	18.4	18.5	18.6	18.7	18.8	18.9	9
10	19.0	19.1	19.2	19.3	19.4	19.5	19.6	19.7	19.8	19.9	10
11	20.0	20.1	20.2	20.3	20.4	20.5	20.6	20.7	20.8	20.9	11
12	21.0	21.1	21.2	21.3	21.4	21.5	21.6	21.7	21.8	21.9	12
13	22.0	22.1	22.2	22.3	22.4	22.5	22.6	22.7	22.8	22.9	13
14	23.0	23.1	23.2	23.3	23.4	23.5	23.6	23.7	23.8	23.9	14
15	24.0	24.1	24.2	24.3	24.4	24.5	24.6	24.7	24.8	24.9	15
16	25.0	25.1	25.2	25.3	25.4	25.5	25.6	25.7	25.8	25.9	16
17	26.0	26.1	26.2	26.3	26.4	26.5	26.6	26.7	26.8	26.9	17
18	27.0	27.1	27.2	27.3	27.4	27.5	27.6	27.7	27.8	27.9	18
19	28.0	28.1	28.2	28.3	28.4	28.5	28.6	28.7	28.8	28.9	19
20	29.0	29.1	29.2	29.3	29.4	29.5	29.6	29.7	29.8	29.9	20
21	30.0	30.1	30.2	30.3	30.4	30.5	30.6	30.7	30.8	30.9	21
22	31.0	31.1	31.2	31.3	31.4	31.5	31.6	31.7	31.8	31.9	22
23	32.0	32.1	32.2	32.3	32.4	32.5	32.6	32.7	32.8	32.9	23
24	33.0	33.1	33.2	33.3	33.4	33.5	33.6	33.7	33.8	33.9	24
25	34.0	34.1	34.2	34.3	34.4	34.5	34.6	34.7	34.8	34.9	25
26	35.0	35.1	35.2	35.3	35.4	35.5	35.6	35.7	35.8	35.9	26
27	36.0	36.1	36.2	36.3	36.4	36.5	36.6	36.7	36.8	36.9	27
28	37.0	37.1	37.2	37.3	37.4	37.5	37.6	37.7	37.8	37.9	28
29	38.0	38.1	38.2	38.3	38.4	38.5	38.6	38.7	38.8	38.9	29
30	39.0	39.1	39.2	39.3	39.4	39.5	39.6	39.7	39.8	39.9	30
31	40.0	40.1	40.2	40.3	40.4	40.5	40.6	40.7	40.8	40.9	31
32	41.0	41.1	41.2	41.3	41.4	41.5	41.6	41.7	41.8	41.9	32
33	42.0	42.1	42.2	42.3	42.4	42.5	42.6	42.7	42.8	42.9	33
34	43.0	43.1	43.2	43.3	43.4	43.5	43.6	43.7	43.8	43.9	34
35	44.0	44.1	44.2	44.3	44.4	44.5	44.6	44.7	44.8	44.9	35
36	45.0	45.1	45.2	45.3	45.4	45.5	45.6	45.7	45.8	45.9	36

82.43

81.10

80.53

86.00

84.53

T. 147 N. R. 26 W. Sec 30.  
G/O-Notes  
See Cor. 29-30-31-32

W. Trail line bet. Secs. 30-31 Va. 10045  
400.00 Set post 1/4 Sec. Cor.  
J. Pine 10" S 12° W 13 LBS  
" " 10" N. 8° W. 20 "  
65.00 Enter Open Marsh  
80.00 Leave " "  
83.95 Lark set post M.O.  
W. Oak 10" S 8° E. 35 LBS  
" " 8" N. 28° E. 22 "  
J. + N. Pine  
N. bet. Secs. 29-30 Va. 10045 -  
37.50 Indian Trail 7 N.E.  
40.00 Set post 1/4 Sec. Cor.  
Tann. 10" N. 77° E. 21 LBS  
" 6" N. 32° W. 13 "  
46.00 Enter Marsh  
60.50 Stream 12 LBS to SW  
80.00 The cot to Sec's 19-20-29  
BaBar. 6" N. 85° W. 375 LBS.  
N. Pine 14" S. 86° W. 810 "  
J. + N. Pine + Aspen Birch  
E. Ram. line bet. Secs 20 + 29  
50 Enter Pond Round. off  
8.12.00 to Clear Pond + cont  
14.50 Recover line + sec  
15.50 Leave Marsh

80.50 The Cor. to Secs. 19-20, 29-30  
W. Ran. Line bet Secs. 19+20 Va. 10°45'  
3.50 Leave Marsh  
25.00 Indian Trail S.W.  
40.00 Set Post. Temp. 1/4 Sec Cor.  
56.00 Stream 8 LKS. S.E.  
92.00 Enter Tam. Sup.  
93.20 Int. 80 LKS. N. of Cor.  
N. 89°30'E. True Line  
bet. Secs 19+30  
Va. 10°45'E.  
53.20 Set Post. 1/4 Sec. Cor.  
Tam. 8" S 34 W. 14 LKS 9.3'  
1. Pine 10" N 50 W. 86 " 56.76 Ft.  
93.20 The Cor. to Secs. 19-20 29-30.

DIRECTIONS FOR USE OF TABLES

TABLE No. 1.

Distance of slope stake from side or shoulder  
stake for any width roadway slope 1/2 to 1.

stake is located by the double entry method in  
of table in same row and column gives distance  
from side stake to stake. If ground is not  
level estimate the difference in elevation between  
the side stake and the stake to be set by  
this amount. Cut or fill and distance in table  
amount to cut or fill and distance in table  
set up for at this point and line of sight should  
cut target. If it does not make the slight ad-  
justment necessary.

IMPROVED TABLES  
AND  
INFORMATION

TABLE No. 2

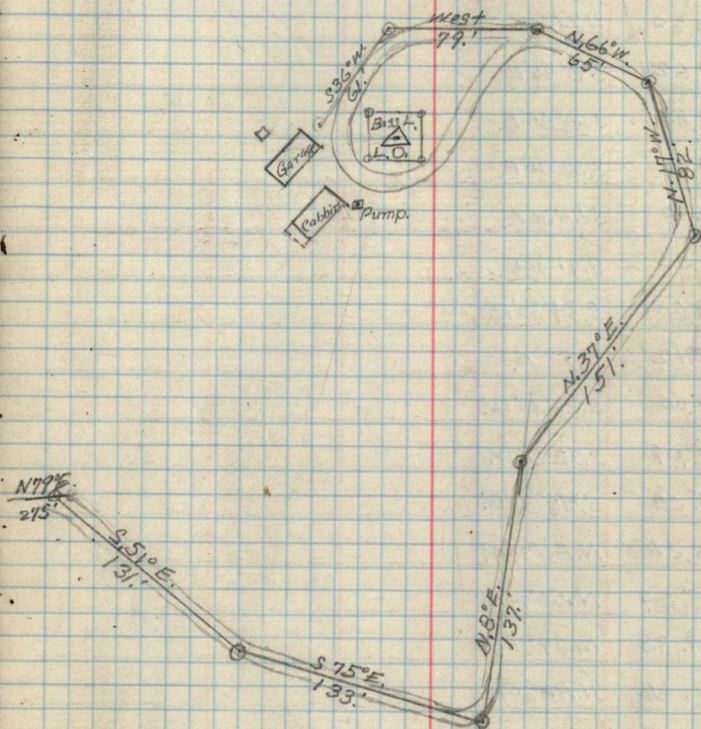
To find Tangent and External for curve of  
any other degree, divide by degree of curve and  
add correction found in column of corrections.  
Degree of curve with a given I may be found  
by dividing tangent (or external) opposite I by  
given tangent (or external).  
The distance from a point on the tangent to  
the curve is very nearly the square of the tangent  
length divided by twice the radius.

1149 N.P. 264.

Sta.	Dist. Ft.	Course	N.	S	E	W.
1/4 Cor. betw. 14-23	1695'	S 2° 30' E				
Pt. on 1/4 Line	377'	N. 82° E.				
	351'	S 59° E.				
	338'	S. 36° E.				
	300'	N. 89° 30' E.				
	109'	N. 69° 30' E.				
	178'	N. 56° E.				
	116'	N. 72° E.				
	245'	N. 15° E.				
	119'	N. 57° E.				
	100'	N. 74° E.				
	148'	N. 88° E.				
	124'	N. 70° E.				
	224'	S. 88° E.				
Pt. on Sec. Line 102 So. of N. 1/16	354'	N. 62° 30' E.				
	275'	N. 51° 15' E.				
	143'	S. 79° E.				
	195'	S 84° E.				
	242'	N. 69° 30' E.				
	183'	N. 44° E.				
	116'	N. 26° 30' E.				
	342'	N. 65° E.				
	200'	N. 60° E.				
	272'	East				
	275'	N. 79° E.				
	(240'	N. 43° E to center of Tower)				

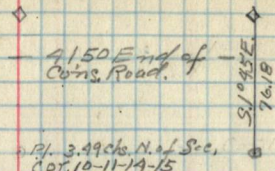
Bass Lake L.O. Tower Fire Trail Traverse

J.A. Gjelman



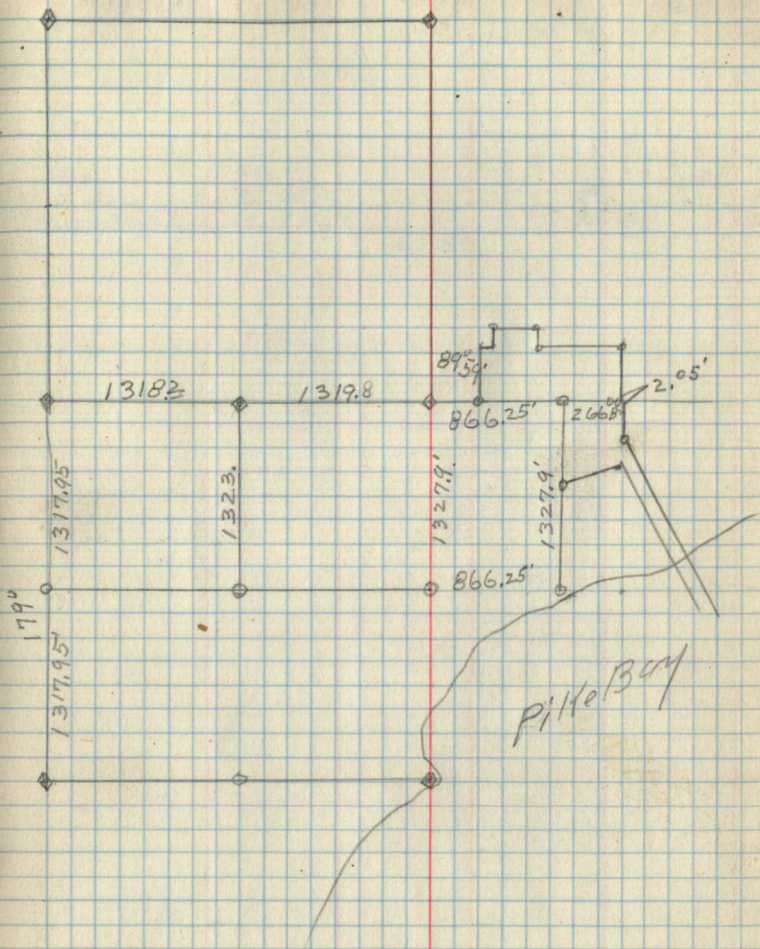
Sta.	Dist.	Chs.	Course	N.	S.	E.	W.
Sec Cor. 2-3 10-11 T. 149 N. R. 25 W.	76.18		S 1° 45' E.				
P.I.							
P.I. Sec. Line 4.94 W. of Cor.	5.80		S 56° W.				
	1.39		S 53° W.				
	10.38		S 25° W.				
	3.62		S 8° 45' E.				
	4.80		S 20° 45' E.				
	4.00		S 33° 30' E.				
	4.88		S 56° 30' E.				
P.I. Sec. Line 26.71 S. of Cor.	3.53		S 41° 30' E.				
	4.60		S 34° 30' E.				
	5.12		S 9° E.				
	4.00		S 26° 30' W.				
P.I. Sec. Line 40.95 S. of Cor. 27.11 S. of Cor. 1/4 Cor. 14-15	2.09		S 32° 30' W.				
	4.00		S 46° 30' W.				
	8.28		N 80° 30' W.				
	5.24		N 56° 00' W.				
	4.33		N 49° 30' W.				
Creekm. SE.	1.66		N 88° 30' W.				
	7.08		S 49° 00' W.				
	(4.00 ?)		S 38° 30' W.				

JAB Johang. Traverse of North end Frank Trail #491. 1/30/36.



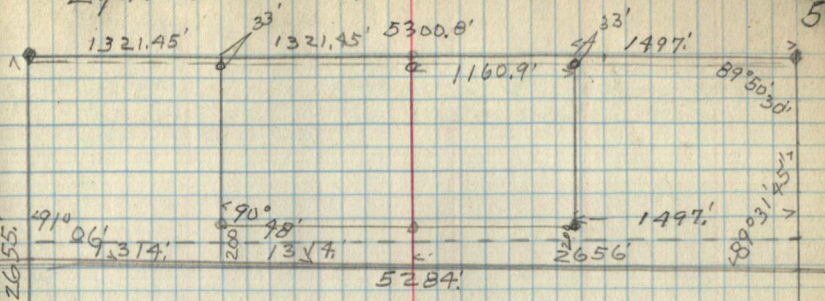
Remer P.S. Sec. 1

Cass Lake Nursery





Lydiok Nursery.



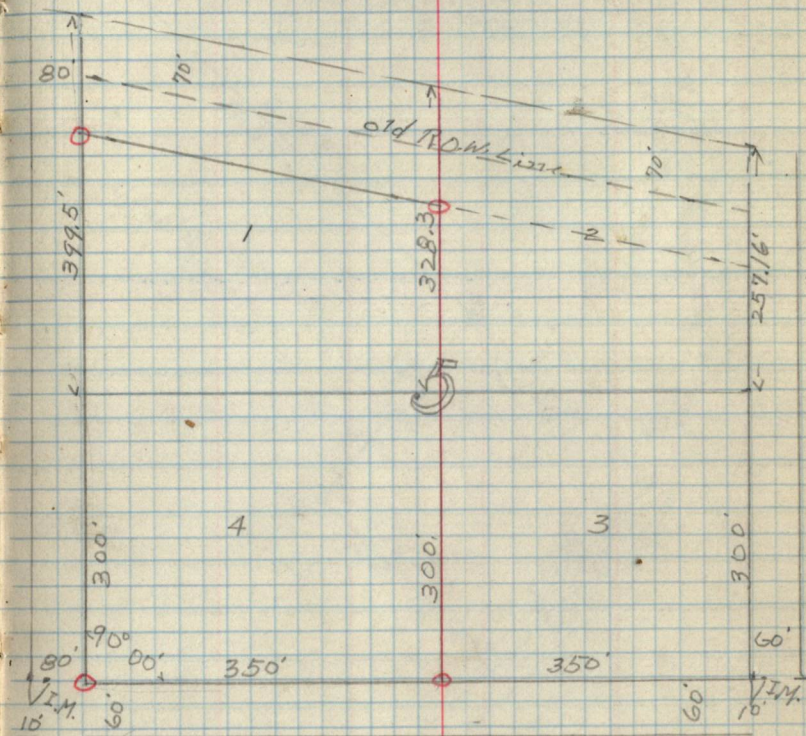
See.  
16

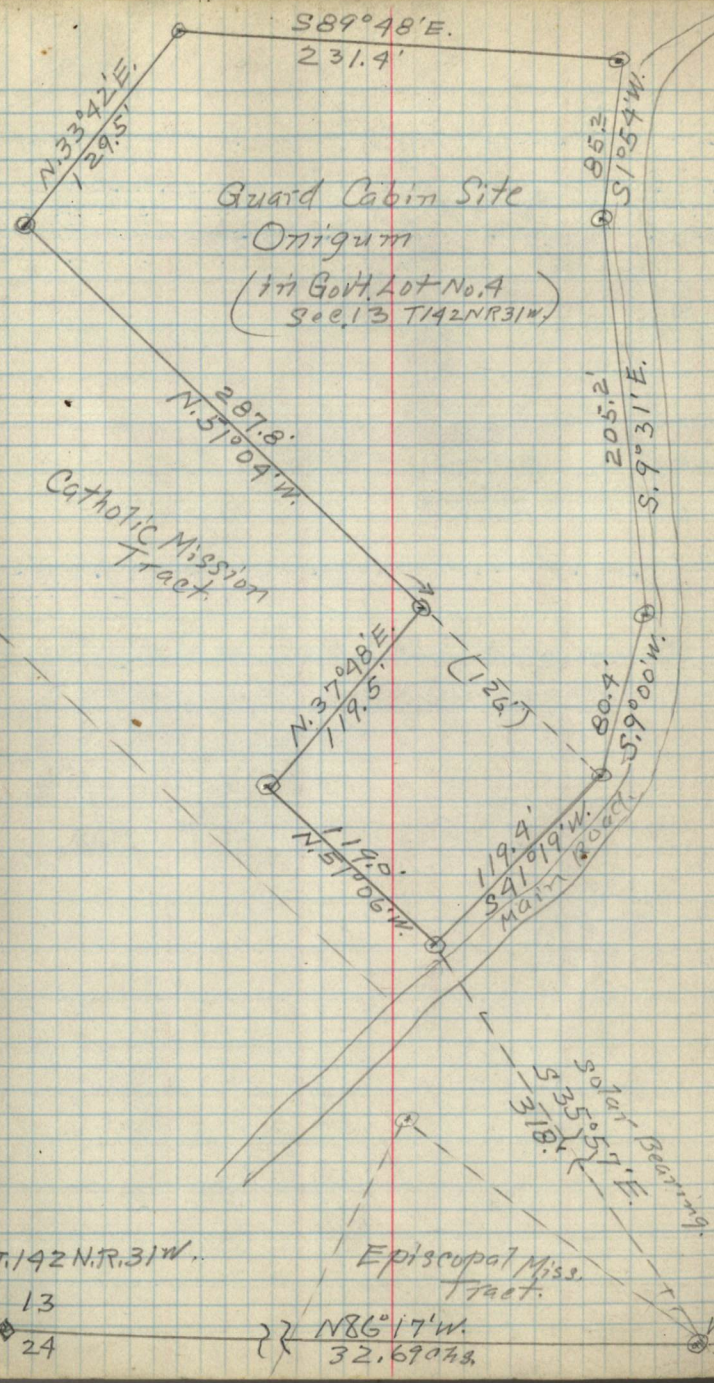
J.A. Gjelhaug

6/24/36

6

Lots land 4 in Block 5 Commercial Clubs  
first Addition to Walker. excluding strip  
of land 125 ft wide on S.W. side of center line  
of U.S.H. # 371.

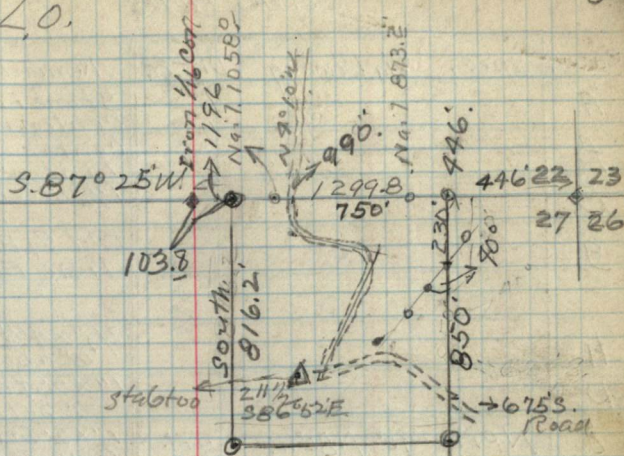




T.142N.R.31W.  
 14 13  
 23 24

N86°17'W.  
 32.69043

Walker L.O.

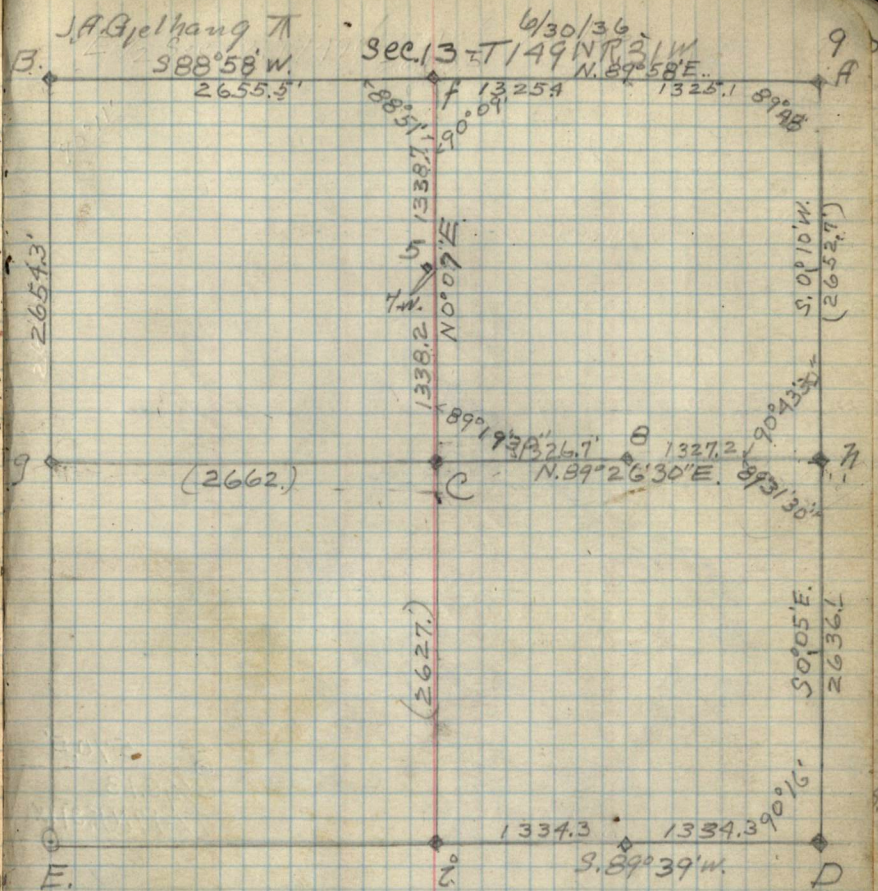


Traverse of Road, Fm End of 413 St  
S. 4° 10' E. 587' = Sec. Line 990 ft + N 87° 25' E to  
see Cut.  
S. 4° 10' E. 1268 ft. P.I. Δ = 67° 20' T = 101' R = 150'  
S. 91° 30' E. 335' P.I. Δ = 98° 10' T = 111' R = 100'  
S. 26° 40' W. 432' stake 126' East of Center of L.O.

10/7/36  
Finished  
J.A. Gjelhang.

Corner Notes

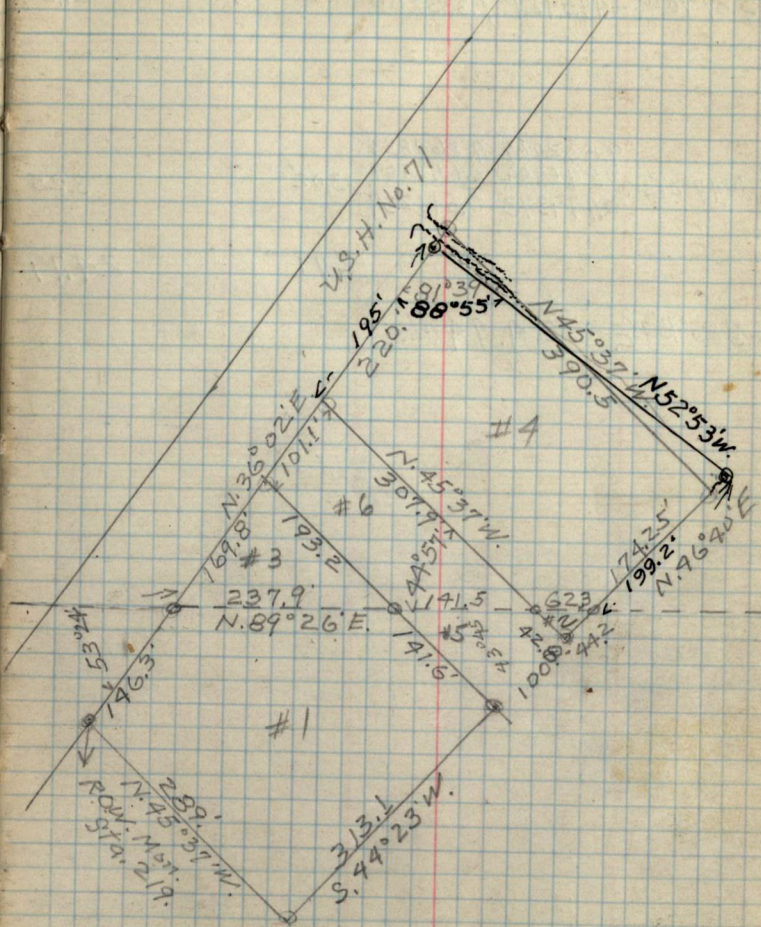
Cor. at.	Spec.	Dia. Bearing	Dist. Ft.	Remarks.
A.				Stone in So. St. Line Center of 20' Alley.
f				Center of Road in Line with Fence So.
B.				1 1/2" Steel shaft 33 South.
g				Old 1/4 Post in fence line E and W.
h				3/4" x 4 1/2" Iron pipe 6" above ground.
D				1" x 2" Iron pipe 2" below grade.
i	NPine	10' N80°W.	7 Ft.	1" x 2" Iron pipe Orig. B.T. Down.



Resurvey Blackduck  
R.S. site.

10

570.5'  
C/49.13  
T/49NR.31W



(14 Mon.)

New Blackduck L.O.  
Solar Transit Chained Triangles & Check Red.

Sta.	Bearing	Log Cos	Log Sin	N	S	E	W.
25/30 Sec.		8.162681	9.999954				
36/31 Cor.		1.333246	1.333246				
T. 149 NR 31 W.	S. 89° 10' W.	1.495927	1.333200		0.31		21.54

Sta. 045.  
Dist. 21.54

T. 149 #1

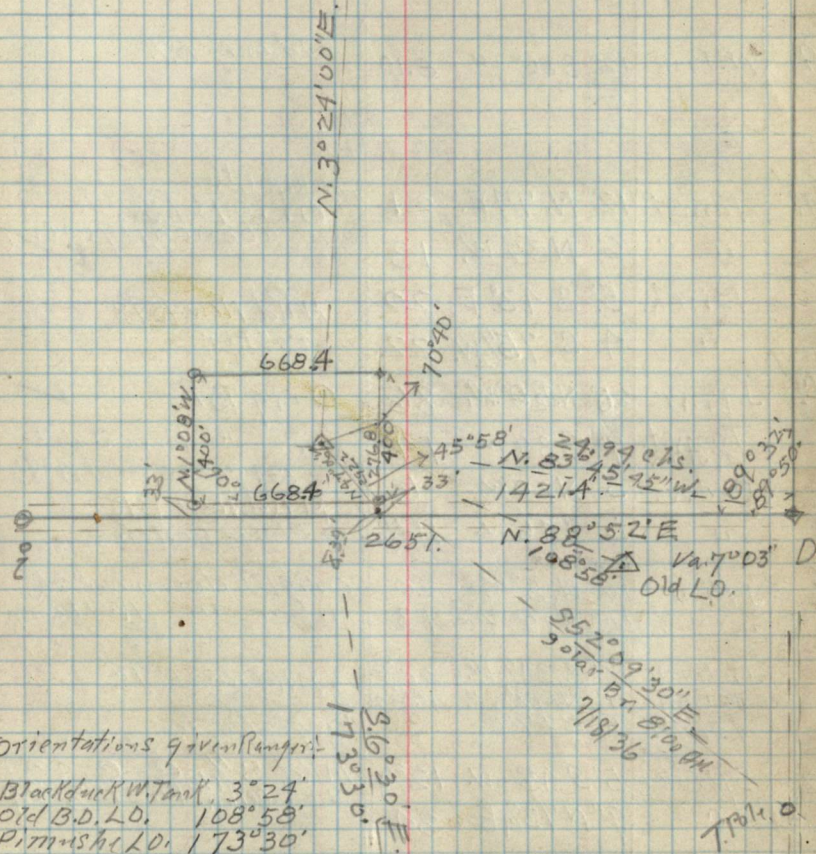
4.43	N. 47° 06' W.	9.832969	9.864833				
		0.646404	0.646404		3.02		3.25
New Blackduck L.O.		0.479373	0.511237				
				2.71			24.79

Tie to Sec. Cor. S 83° 45' 45" E 24.94 chs.

JAG, Chang T  
7/8/36

Sec. 25-T. 149 N. R. 31 W.

Blackduck  
W. Tank.



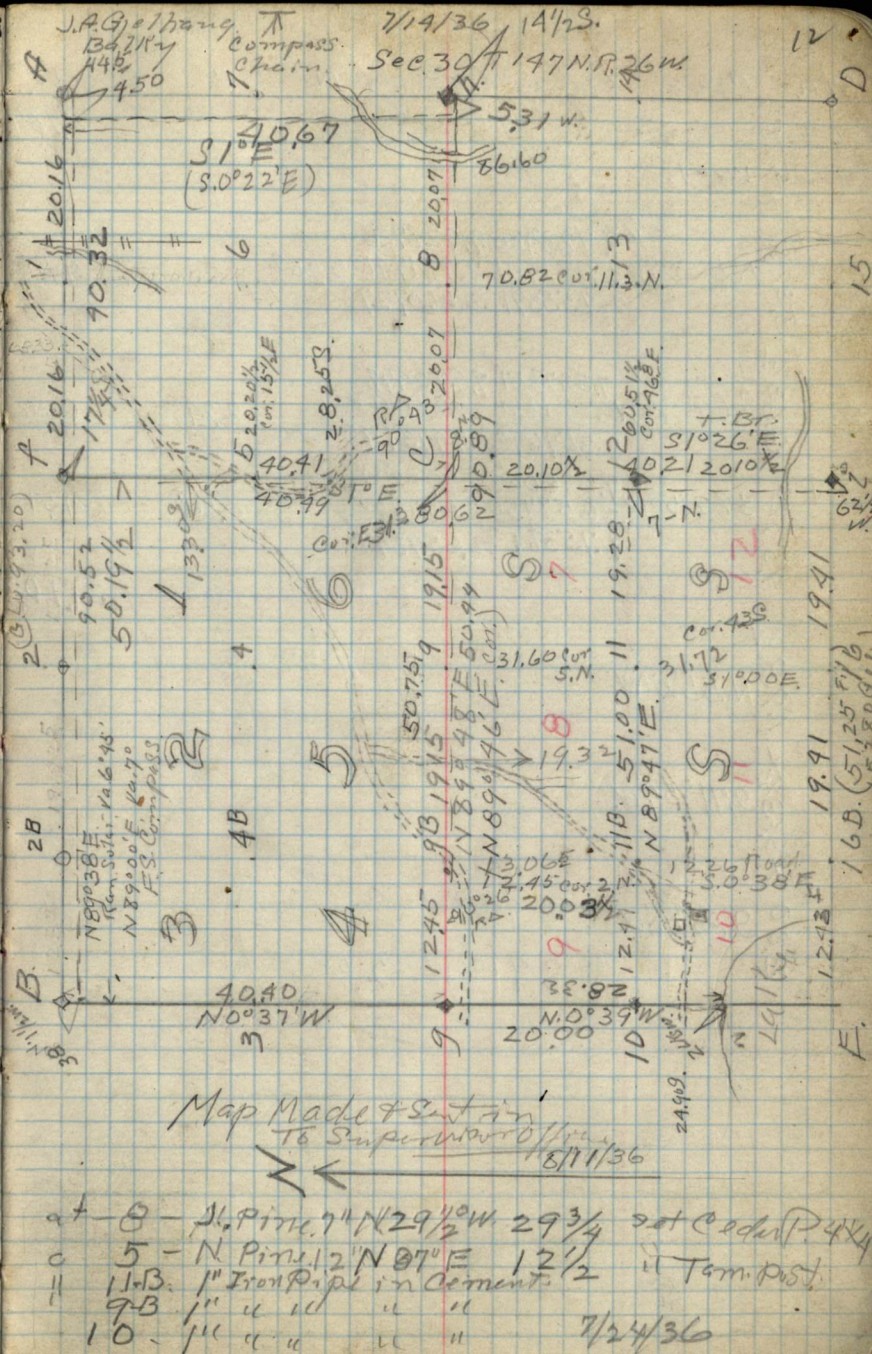
Orientations given Sanger:

Blackduck W. Tank. 3° 24'  
Old B.D. L.O. 108° 58'  
Pimushki L.O. 173° 30'

7/8/36

△ Pimushki  
L.O.

Corat	Spec.	Dia	Bearing	Dist	Remarks
9	N Ptm	20	N 86° E	18 1/2	Good G.L.D. Cor. New. Mon. to be placed.
B.					New G.L.D. to be set.
A.	N. Pine	12"	S 86° W	8.10	Old orig BT.
N. ✓	Tamst.	12"	N. 77° E	21	→ str. old <i>OK</i> Orig BTs about all gone <i>1958</i>
	" "	6"	N 32° W	13	
	Birch.	5"	S 43° E	20	Mkd New BTs
	" "	4"	S 75 1/2° W	22	→ poster
J. ✓	J. Pine	20"	N 50° W	86	Orig BT ✓
	Tamst	7"	S 34° W	14	" " Burnt out set Cedar Post 4" x 4"
	Cedar.	5"	N 20° W	6.	Mkd New BTs
	" "	5"	S 48° W	16 1/2	→ Placed Poster.
Z ✓	J Pine	10"	N. 8° W.	20	Orig BT down but OK.
	" "	10"	S 12° W	13	" " " Rotten
	J. Pine	9"	S 34 1/2° W.	32 3/4	Mkd New BTs <i>OK</i>
	Birch	4"	N. 48 1/2° W.	12 1/2	
	Birch	5"	S 17° E.	3	Placed Poster set Tam. Post 4" x 4"
12-	Spruce	5"	S 45 1/2° W.	12 3/4	Mkd S 16° C-C 9 3/4 D
	" "	9"	N 73 1/4° E	34	Set Cedar Post 3" x 4"
11	9 Twin Birch.	8"	N 70° W.	8 3/4	Set 4" Cedar Post in Marsh. 15' water.
	9 Twin Birch.	8"	N 70° W.	8 3/4	Set J Pine Post 4" x 4"
C	1/4 S. Spruce	6"	S 48° E	13 1/2	Set Tam Post 4" x 4"
	" "	7"	N 32° E	24 3/4	→ poster set 1" x 3" Iron Pipe





Sta Course Logcs Logsm N S E W

5784

5.784  
5.392  
6.632  
46.426  
98.1/2  
9.8  
2.00

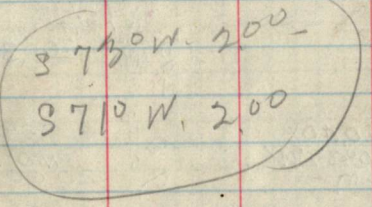
West

9.723400	9.928736		
N.58°04'W	2.731991	2.731991	2.854
	2.455391	2.660727	
9.537851	9.972478		
S.69°49'W	2.821841	2.821841	2.29
	2.359692	2.794319	
9.096062	9.996594		
S.82°50'W	2.657750	2.657750	0.568
	1.753812	2.654344	

N.55°54'W

S.71°59'W

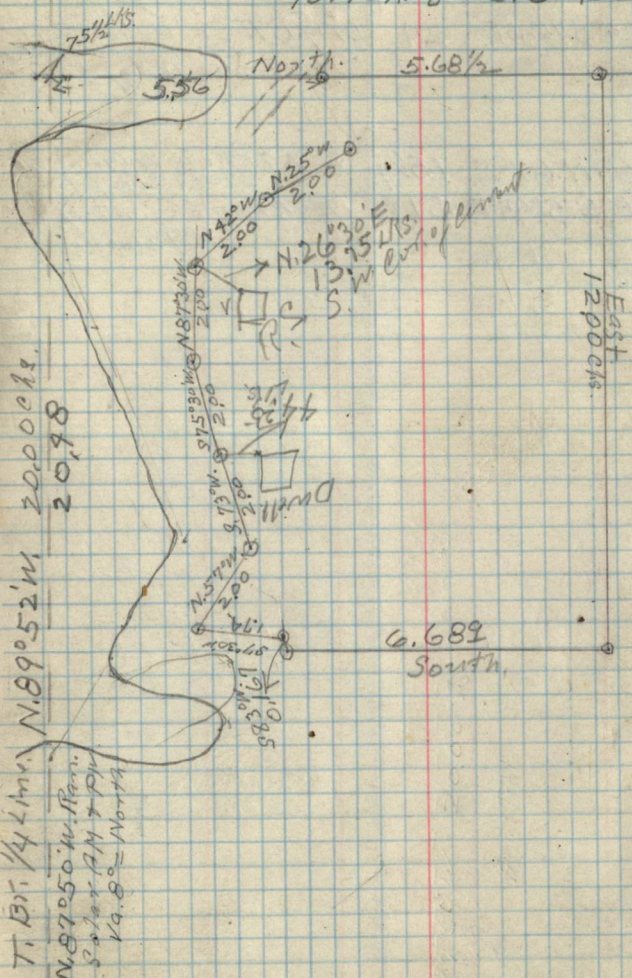
S.85°00'W



285-286 21.10

D 2°10' - 75 1/2 = 2.8 LKs.

Came 1.44 chs. N. of C 1/4 S. 18. 13  
at - 40.95 1/2  
Est. by Co. 2" steel shaft, 2<sup>rd</sup> 1/2 burr Gt.  
Cedar, 6" N. 67° E. 15 1/4  
Biren, 8" S. 5° 45' E. 51. 8/26/36



T. Bire 1/4 chm. N. 89° 52' W 20.00 chs. 20.98

N. 87° 50' W. 1.00 chs. 1.00  
S. 71° 59' W. 1.00 chs. 1.00  
S. 85° 00' W. 1.00 chs. 1.00  
N. 89° 52' W. 1.00 chs. 1.00

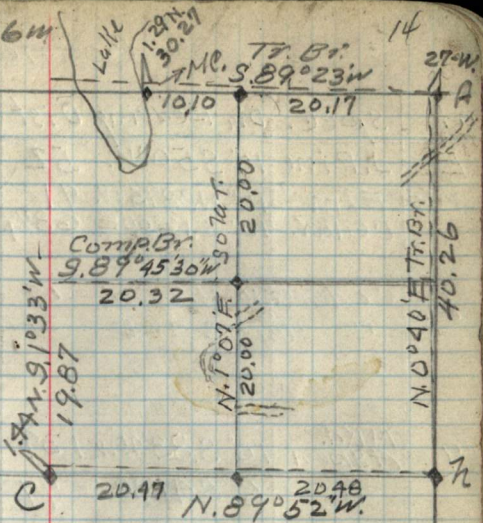
1/2 Cot. Common  
T 17-18  
T 59 R 26.

Orig. BTs  
N. P. in. St. 12" S 49° E. 21 0. K  
" " " 12" N 49° W. 37 0. K  
Set New Cedar Post  
8/26/36

Corner Notes.

Cont'd	Spec.	Dia	Course	Dist	Remarks
A.	Cedar	10"	N.43°E.	15	orig. BT
M.C.	W. Pine	24	S.70°45'E.	24	orig. BT. Set Cedar Post Edge of Lake. 12/3/36
C	Cedar	6"	N.67°E.	15 1/4	2" x 2" FT. above Ground Steel S. Nail.
	Birch	8"	S.5°45'E.	51	Est. by County. 8/26/36

Sec. 18-T. 59 N. R. 26 W.



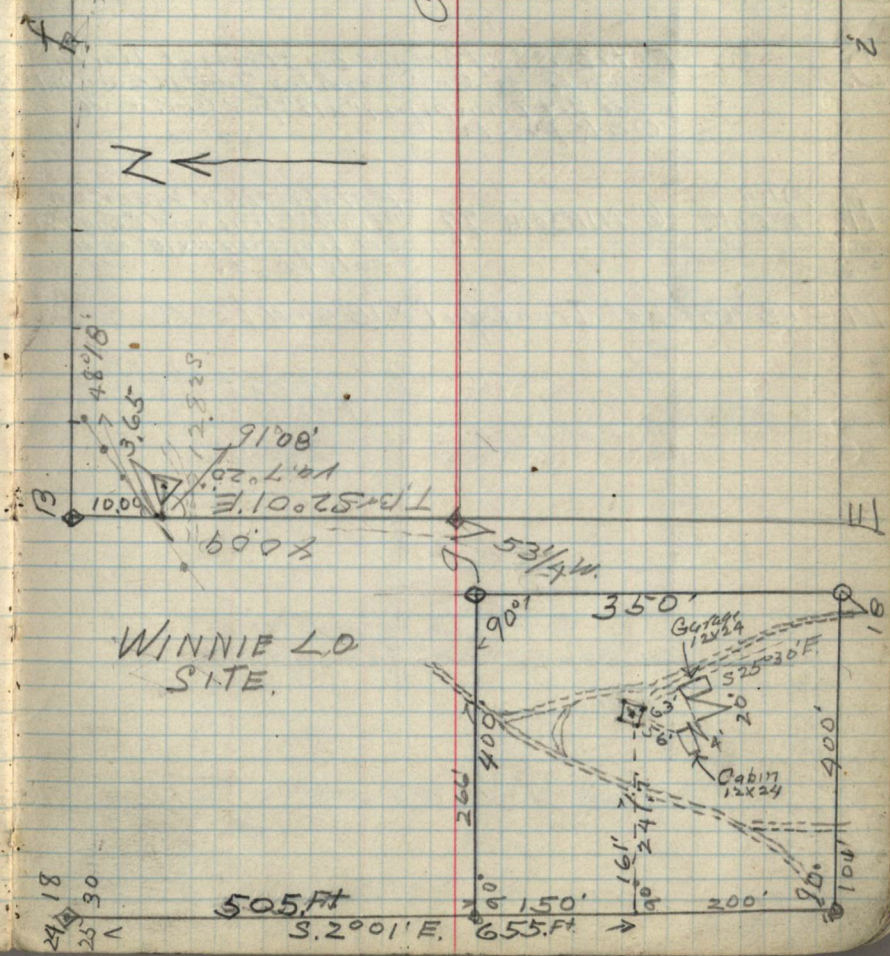


# Corner Notes

Cont	Spec.	Dir. Course	Dist	Remarks
B.	N Pine	20 N. 8° W.	29	} Posts Orig. BTS set 4" x 3" Oak Post and 1" x 1 1/8" Iron pipe
"	"	11 St. 40° S 30° E.	38	
W. Oak	12 N. 41° E.	20		
B.	"	12 S 7 1/2° W.	39	
MK	Aspen	10 S. 17 3/4° E.	41 3/4	? ?
R. Oak	6 S 64° 30' W.	58 1/2		
N Pine	20 N 8° W	43 A		
9.	R. Oak	7 S 68° 30' W.	27	scribed Trees. Old 4" x 3" Oak post. Ward Dept. Car set 1" x 1 1/8" Iron pipe
"	"	12 S 70° 30' E.	68	

J.A. Golhard  
Balky Head Chain  
9/23-24/36

Sec 30 T146N R26W 16  
9/23-24/36



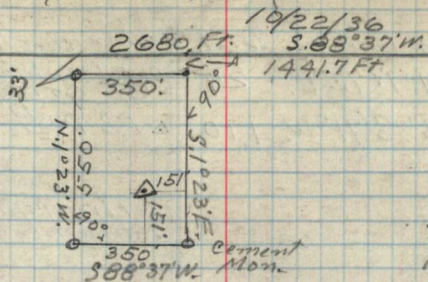


Corner Notes

Corat.	Spec.	Dir	Course	Dist	Remarks
A.					Iron pipe 2" below surface of road. Intersection of lines Iron pipe 1" X 18"
f					Post and Iron pipe.

Dixon Lake L.O. site

f/4 cor:



T. 148N.  
R. 29W.

18  
A. 13 | 18  
29 | 19  
Iron  
1" X 18"



Corner Notes.

CCC 88

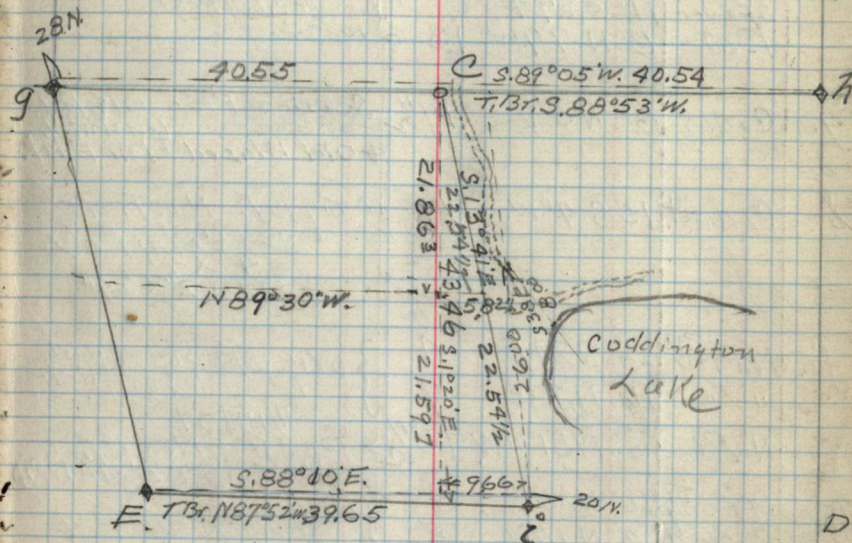
Corat	Spec.	Dia	Bearing	Dist.	Remarks
H.	1 Pinest.	8"	N 32° E.	22	Orig. B.T. Scribed Post.
"	"	8"	N 20° E.	53	F.S. Posters.
G.	Aspen	5"	S 40° W.	21	F.S. Posters Scribed Post. B.T. Burnt (Heavy Burn)
E.	Spruce Tarn.	5" 6"	S 87° E. N. 54° E.	33 66½	Orig. B.Ts. Tarn Post 4'x3' Scribed.
I.	Tarnst	10"	N 32° W	18	Orig. B.Ts
"	down	10"	S. 40° E.	32	Cedar Post 5" x 3" Scribed.

J.A. Gjeltham.

Sec. 34 T150N R. 27W.  
10/28-29/36

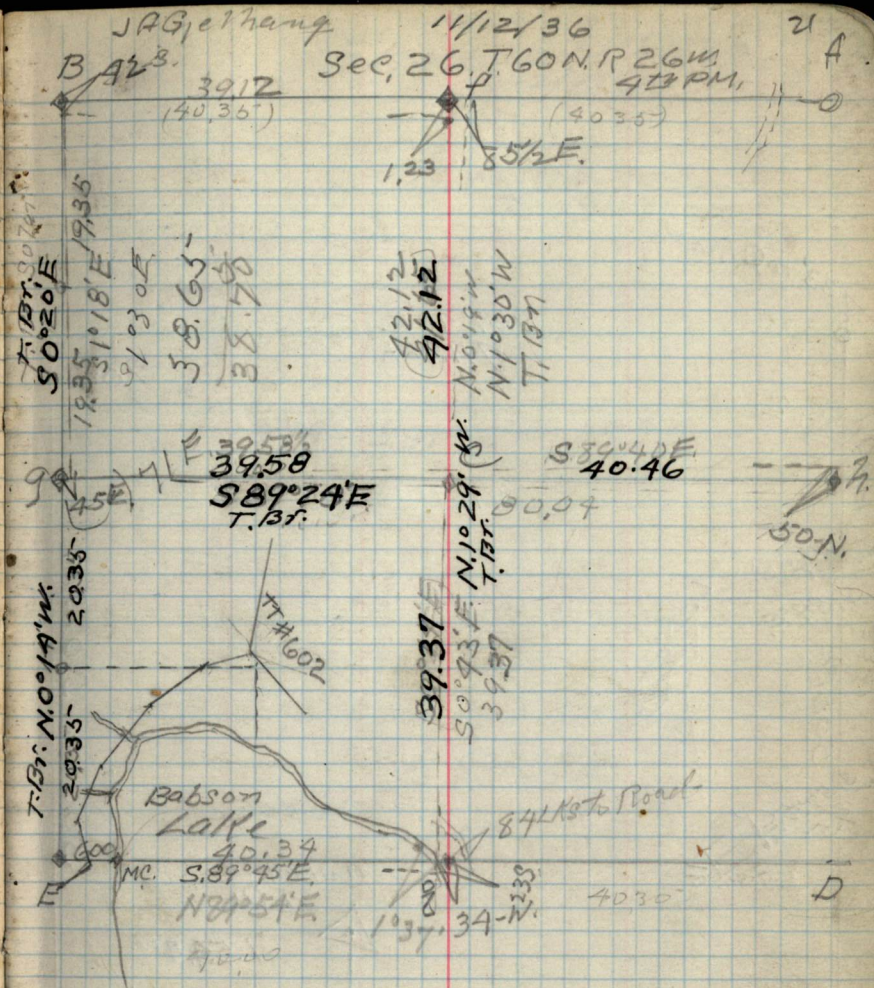
70  
A

B





Corat	Spec.	Dia	Course	Dist	
E.	Aspen Stg	8"	385°E	03 3/4	Placed Fg. Poster. Set 1" x 18" Iron Pipe scribed Post Aspen 5" x 5 ft. MC. BT. orig. East 5.84 chs.
B	Birch	8"	S 74 W	12	} orig. BTs scribed Post ✓ → poster.
	Spacer 11"		S. 27° E		
	Bat.	16"	N 74 W	13	
g.	Cedar	6"	N. 5° E	17 1/2	Scribed Post OK by County & Old Blazed Line East.
i.	Cedar St.	15"	S 40° W	14	orig BT. No. Trace ✓ Set Cedar Post. 4" x 4" Iron 2" x 24"
f.	N.P. <sup>Stg</sup>	22"	S 24° E	4	} orig. BTs found part of orig post. 7/17/37
	" "	16"	N. 38° E	7	
	N Pine	6"	N 51° 45' W	15 1/2	Poster, New BT. Post 4" x 4" 2" x 18" Iron
n.	Spacer Stg	10"	N 36° E	4	} orig BTs scribed Cedar Post. ✓
	Cedar Stg	7"	N. 14° W	8	
C.	Est. C 1/4 cot				Set 1 1/2" x 20" Iron Pipe in Cement Mort.



33' to Q Road.

S. 89° 45' E.  
711.9 FT.

90°

108 FT

234'

9.84° E

500 FT

S. 57° 50' E.  
95'

110' N

Cuba Hill  
LD.

159.9 FT

N. 1° 15' W.  
182 FT

182

91° 30' 150 FT

249.4 FT

78.4' to 1/16 Cor.

399.4 FT.  
N 89° 45' W.

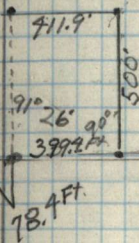
1974

Pool  
MIREION

1975

S. E. 1/4 Sec. 28 T. 45 N. R. 30 W.  
12/8/36

In the NW-SE Sec. 28  
T. 45 N. R. 30 W.



78.4 FT

1974 S. 89° 45' E. 1974

13

33 N.

19.77 1/2

1/2 STEEL  
M. 4.0 S. 1.5

2

N. 89° 58' E.

19.61

15

19.61

D

# Birch Hill L.O. Site

12/10/36

J.P. & H. Lang

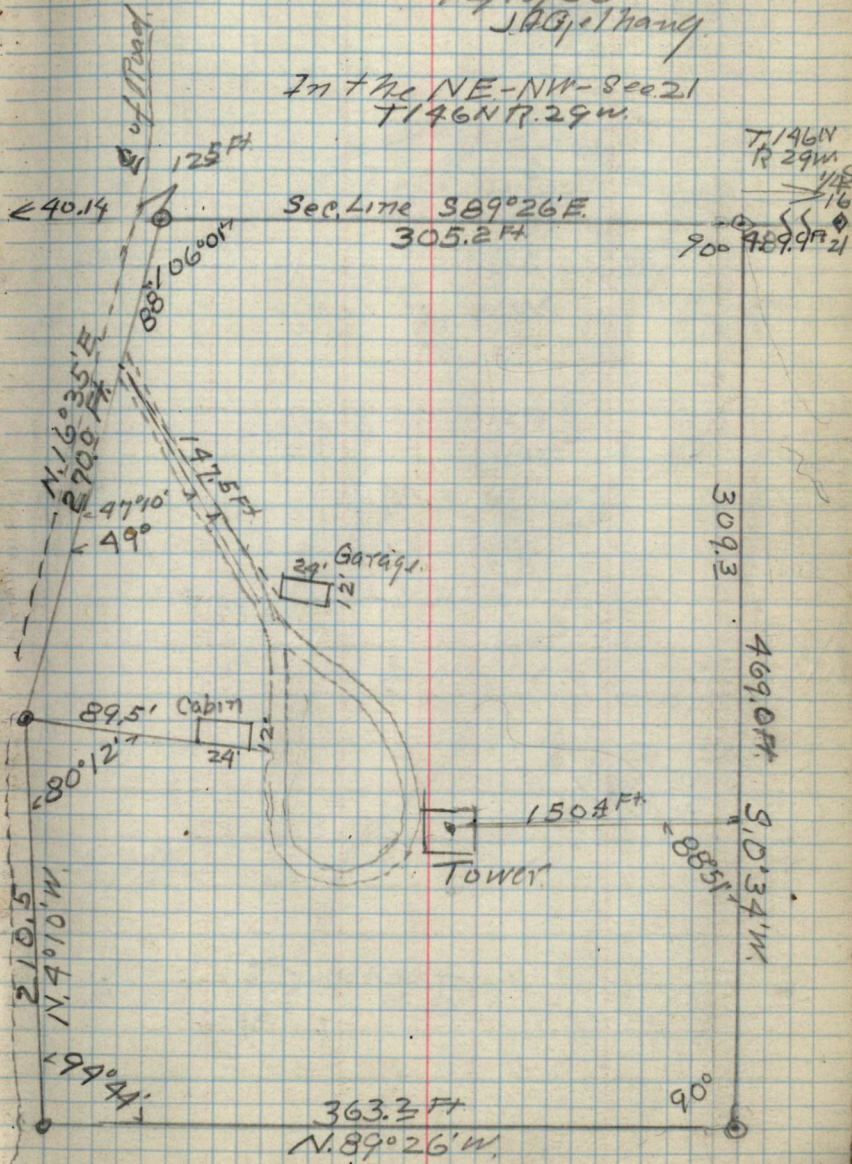
In + the NE-NW-See 21  
T. 146N R. 29W.

T. 146N  
R. 29W

1/8

1/16

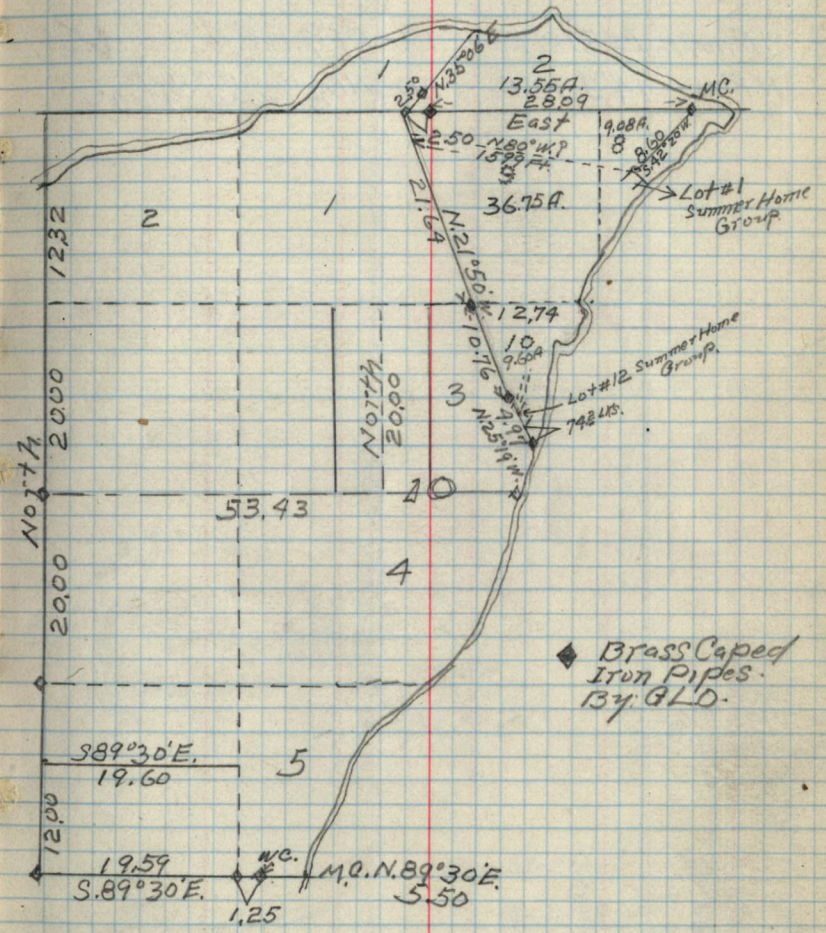
90° 489.9R 21



Sec. 10 and 3.  
T. 142 N. R. 30 W.

12/15-16/36

J. A. Gjelhaug.



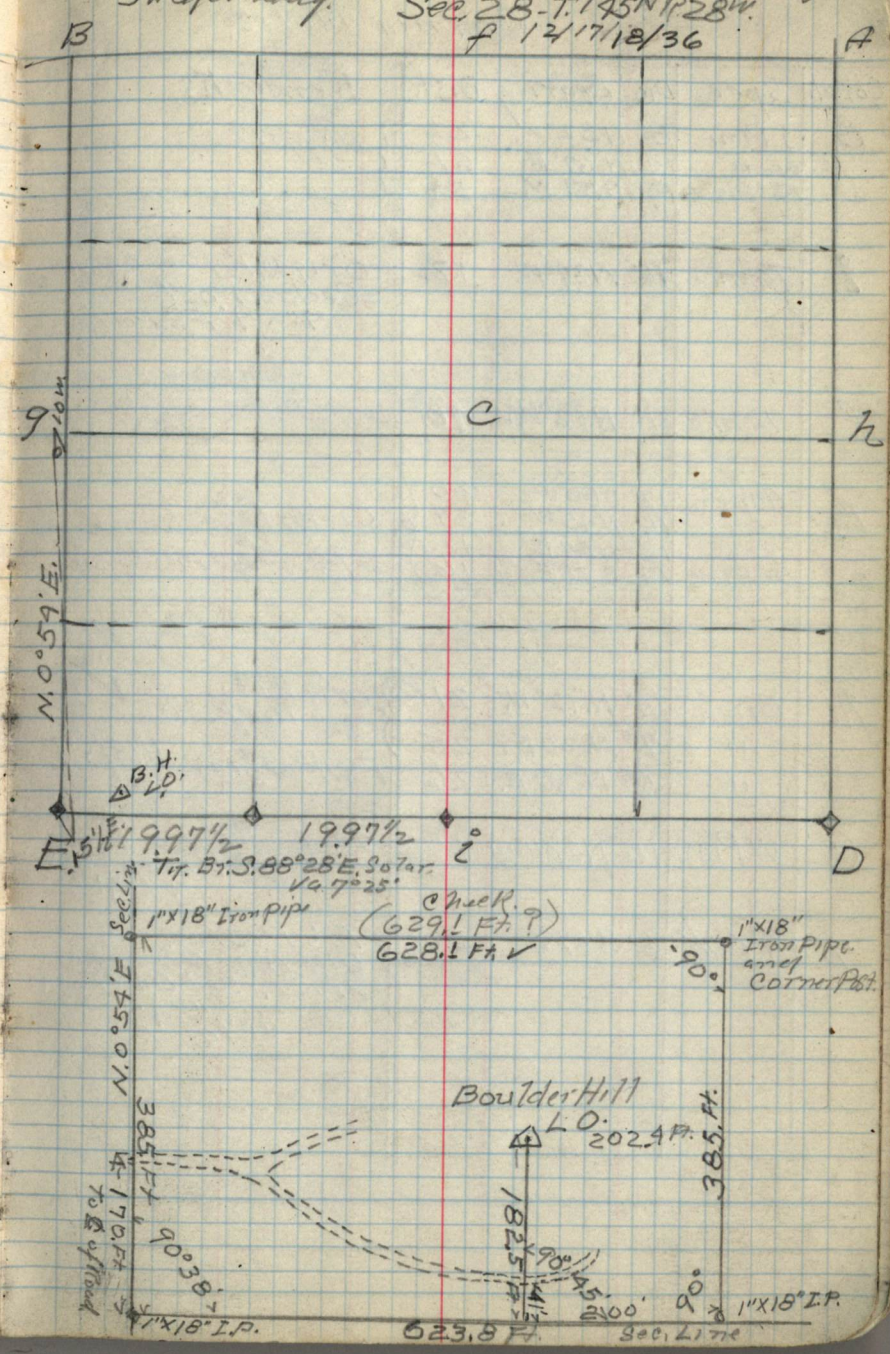
Corner Notes

Dist.	Spec.	Dir Course	Dist	Remarks
E.	J. Pine	24° S 57° 30' W	140	Orig. B.T. ✓
	N. Pine	12° S 20° W	13 3/4	Placed Post 4" x 5" Oak Post Mkd. B.T.
2	J. Pine Stk.	12° S 10° E	40	Orig. B.T. ✓
	N. Pine	14° S 32° E	30	Mkd. new B.T. 3" x 4" Oak Post 4" x 4"

JAG, et hamp.

Sec. 28-T. 145N R. 28W.  
P 12/17/18/36

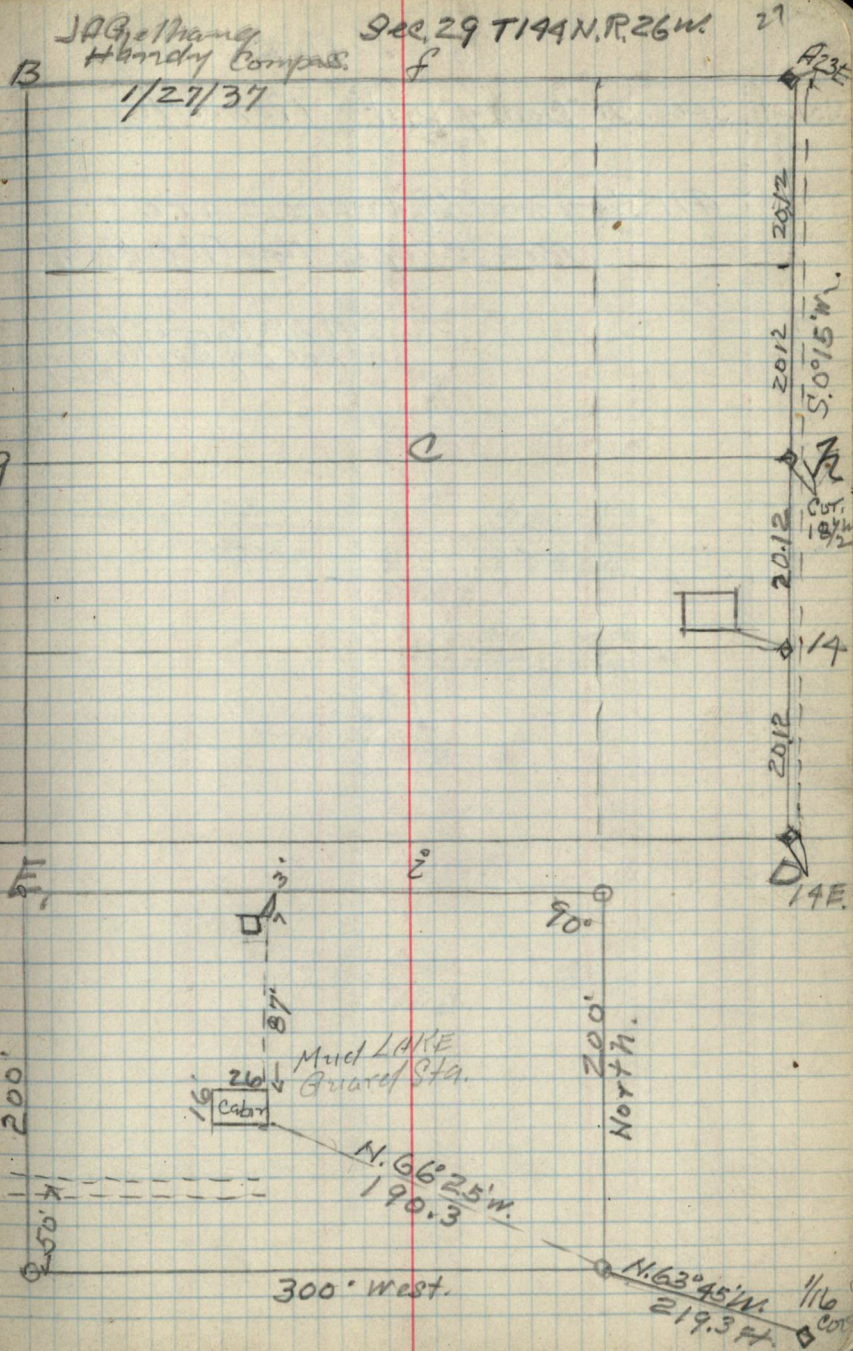
25



B.H. L.O.  
E. 51 1/2° 19.97 1/2  
Tir. B.T. S. 88° 28' E. Solar  
42.7° 25'  
1" x 18" Iron Pipe  
Check R. 9  
(629.1 Ft. 9)  
628.1 Ft. ✓  
1" x 18" Iron Pipe and Corner Post  
90°  
Boulder Hill  
L.O. 202.4 Ft.  
385. Ft.  
182.5 Ft.  
90° 45'  
200'  
90°  
1" x 18" I.P.  
623.8 Ft.  
Sec. 1770



Corat	Spec.	Dir.	Bearing	Dist	Remarks
A	Tame	6"	S 1° E.	15	} Orig BTS
	"	4"	S 28° W.	3	
	"	4"	N. 10° W.	13	
	"	4"	N 68° E.	15	
D.	Book	16"	N. 5° E.	15.08	orig BTI Brass Capul Iron pipe QLO cot.
N.	Mkd.				Corner lost 1373 90m.
	Aspen	8"	N. 20° W.	17	Established 1/4 cor on straight line and equal dist. Set Oak post 4" x 4"
	"	6"	S. 45° E.	13	
14					Set 1" x 18" Iron pipe and Oak post 4" x 4" 1/27/37



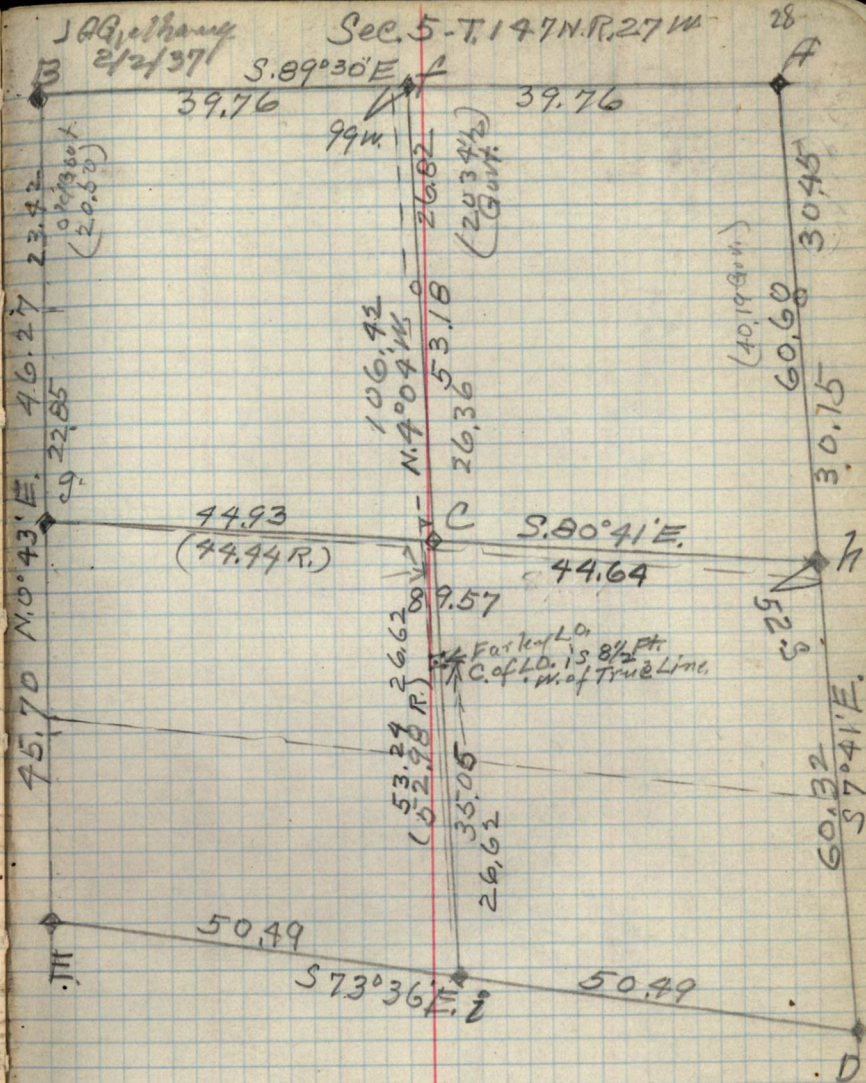
# Corner Notes

Cor. at	Spec.	Dia	Bearing	Dist	Remarks
---------	-------	-----	---------	------	---------

All Sec. and 1/4 corners are  
Brass capped New G.L.D. Mon.

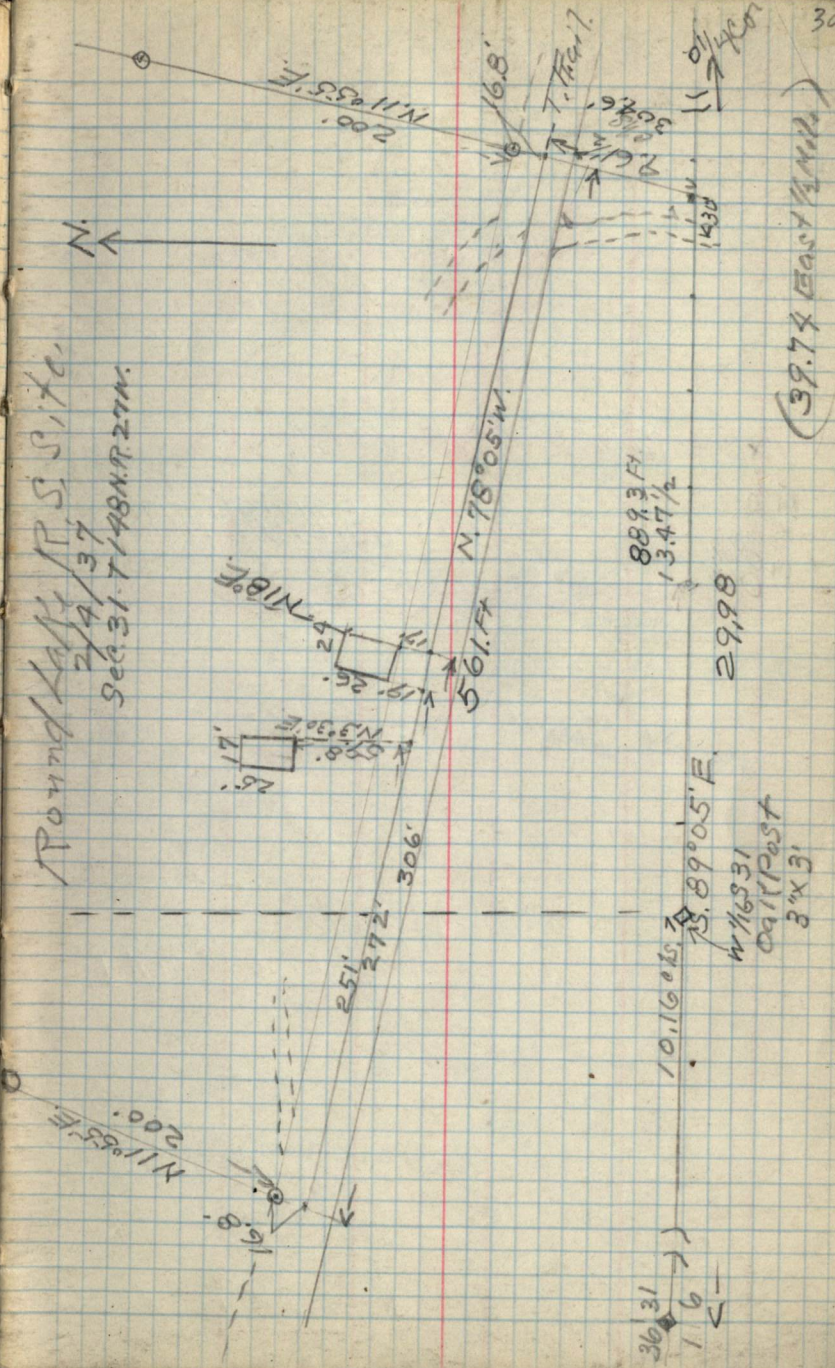
C

This corner was  
set by Balke, compass  
Mar.









Pond Lake / R. S. Site  
 2/9/37  
 Sec 31 - T. 48 N. R. 27 W.

36/31  
 1/6

10.1605  
 W 1/4 Sec 31  
 Oak Post  
 3" x 3"

2998

(39.74 EAST 1/2 NW)

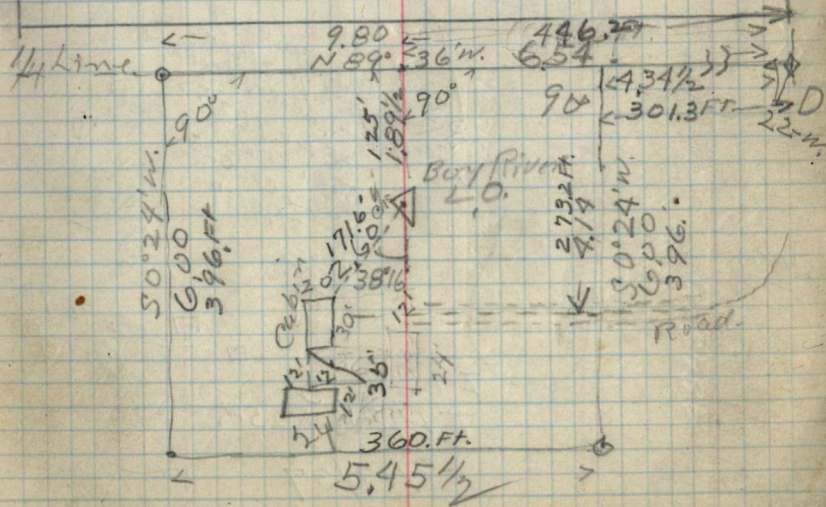
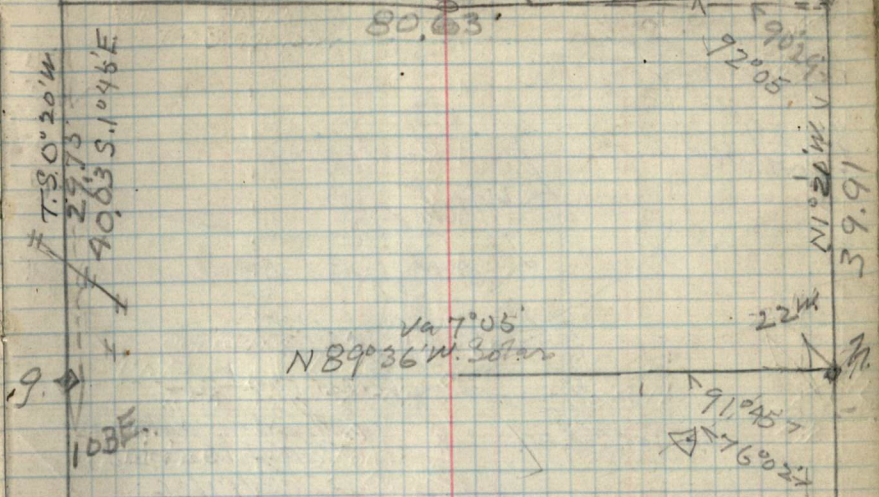




Boy River L.O. Survey  
Sec. 33

Cor. #	Spec.	Dist	Bearing	Remarks
A.				Intersection of Road E-W and South.
B.				Intersection of Liza Cut South and Road E-W.
9.				Found original scribed Post 5 1/2" sq. above ground. Burned over Sup. No. 13. T.S.
12.				Old scribed Post at fence corner. O.K. Set 1 1/2" x 1 1/2" Iron Pipe. 22 LBS. East of post set by fence cor. Iron in center of 5/28/38 Road.

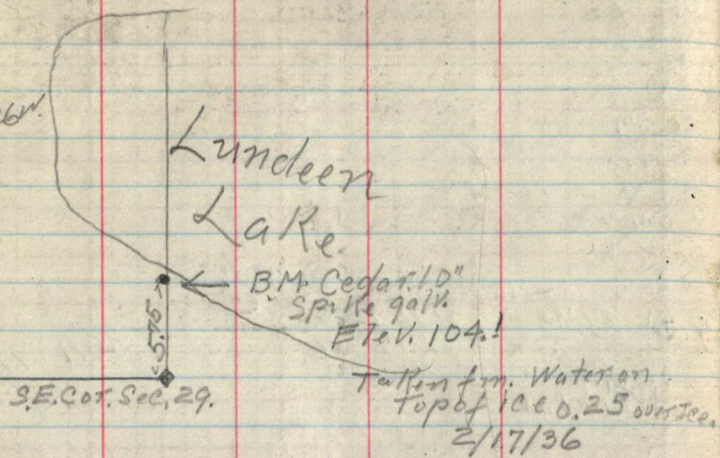
Sec. 33 - T143N. R27W. RT. 2°40'  
T.B. N87°48'W. T.B. S. 88°55'W. 33' A



B.M. on Lakes  
in Stokes Camp Area.

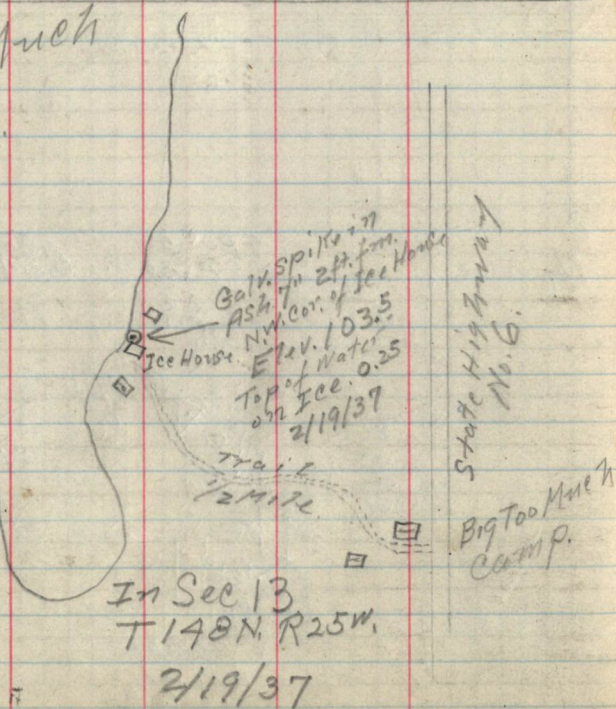
Sec. 29  
T60N, R26W

Dec.



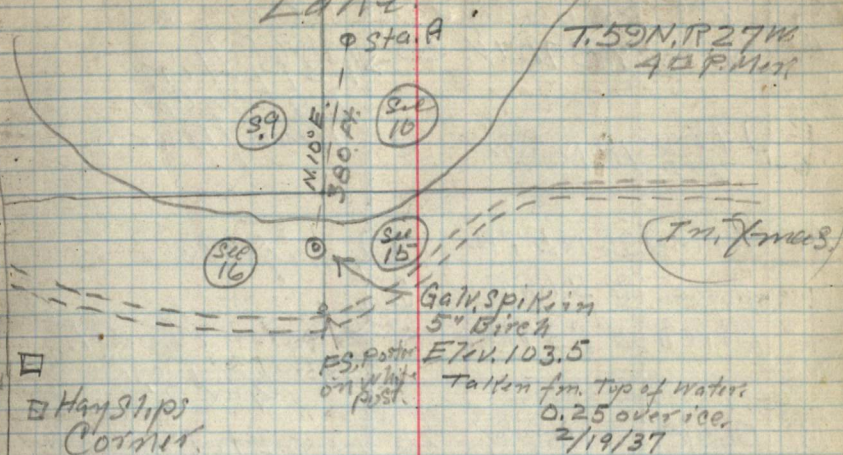
Big Too Much Lake.

Jan.

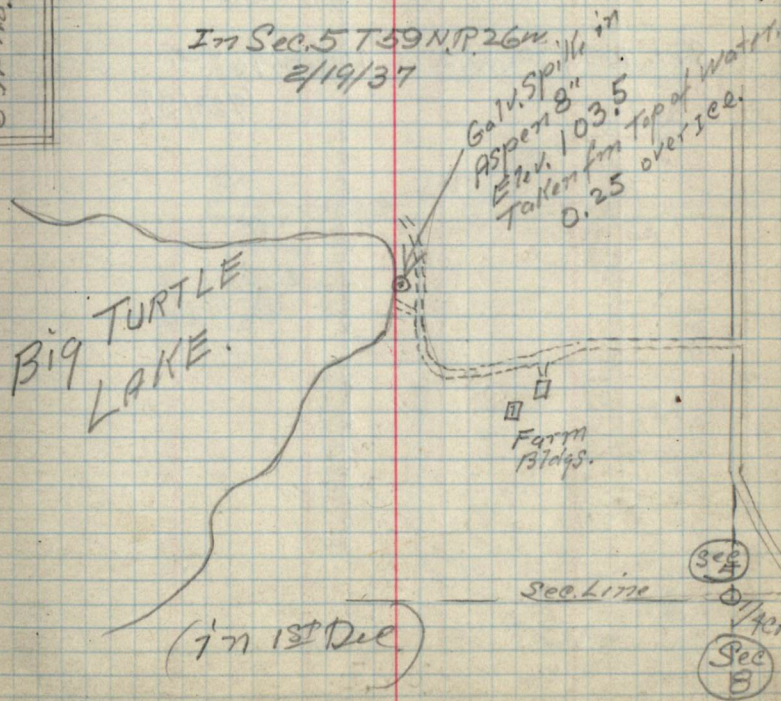


Little Turtle Lake

T. 59N, R. 27W  
4th P.M. 1st



S.H. No. 6



Day Lake L.O.

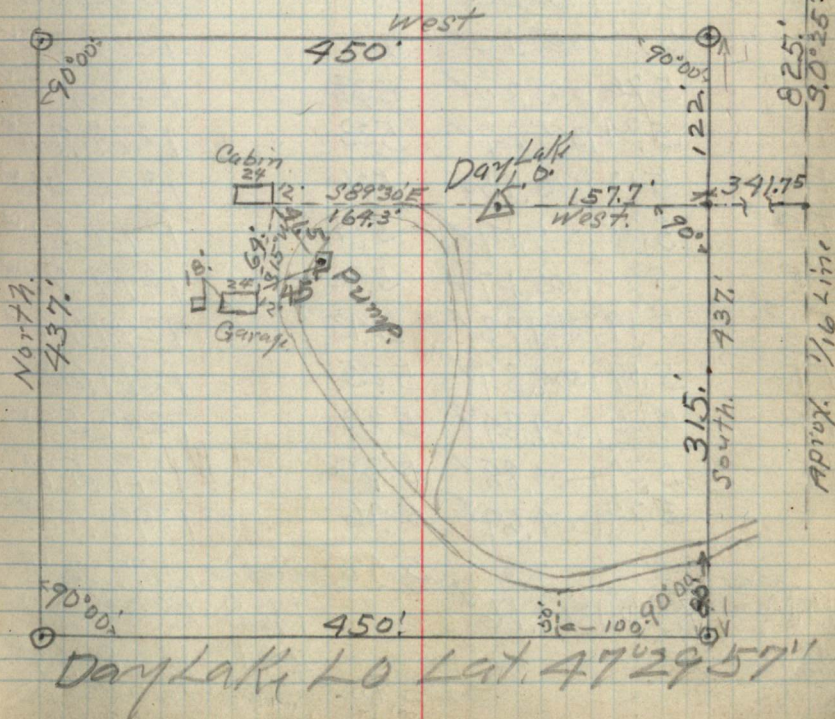
Dist	Spec.	Dia	Bearing	Dist.	Remarks
f.	N Pine	7"	S40°W	53	Mix BT F.S. poster Est. 1/4 Cor.
J	Pine Stp.	10"	N30W	5	Heavy Burn
A.	W. Pins	36"	N54°E	14	orig BTs
	Aspen	8"	S.66°E	16	
	Birch	5"	S34°E	5	Poster & Co. BT scribed Post 4" x 3"
B.	Bassw Stp.		N57°W	25	orig BTs Rotten
	Spines Stp.	7"	N67°E	11	
I	Set Iron Pipe 2" x 24" for 1/16 Cor 6/28/37				

B. Sec. 21 - T58R26  
39.96.

39.96 1998  
N89°25'E  
1250  
50'25"W  
Day Lake  
L.O.  
Site

35

JAG Jelhang K  
Peterson Compass & Chain  
3 CCC - Helpers  
Day Lake L.O. Site  
7/11/37



Sta.	+	H.I.	-	EVV.
#393 B.M.	3.45	1322.71		1319.26
TP	0.34	1316.51	6.54	1316.17
TP	1.75	1311.17	7.09	1309.42
TP	5.33	1305.90	10.60	1300.57
TP	5.21	1305.82	5.29	1300.61
B.M. Mar. 1st	2.58	1305.82		1308.24
TP	5.30	1305.77	5.36	1300.47
TP	5.11	1305.59	5.29	1300.48
TP	5.18	1305.48	5.29	1300.30
TP	5.28	1305.63	5.13	1300.35
TP	5.21	1305.52	5.32	1300.31
TP	5.06	1305.32	5.26	1300.26
TP	5.18	1305.40	5.10	1300.22
TP	5.26	1305.28	5.38	1300.02
TP	5.34	1305.29	5.33	1299.95
TP	5.12	1305.15	5.26	1300.03
TP	5.28	1305.19	5.24	1299.91
TP	5.40	1305.17	5.42	1299.77
TP	5.19	1304.93	5.43	1299.74
TP	5.19	1304.87	5.25	1299.68
TP	5.25	1304.84	5.28	1299.59
TP	5.34	1304.88	5.30	1299.54
	5.27	1304.69	5.46	1299.42
			5.42	1299.27
B.M.	8.15	1311.16	1.68	1303.01
B.M.			2.41	1308.75
		5.80	11.72	1305.36
		8.50		1302.66

Blazed  
2" Oak  
wire

36  
Dead  
Aspen 4"  
Pine 14"

Levels for Miss Bridge  
Thyrol Power Road.  
J. B. Rothman  
Lock. Rodman  
3/1/37.

on Ice.

" "

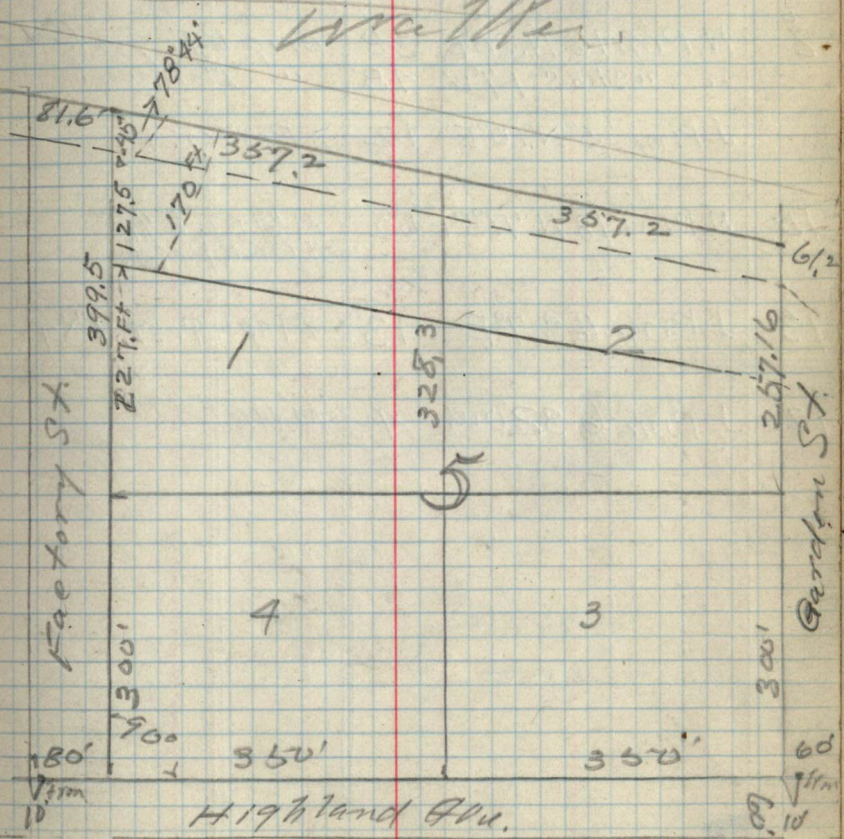
Elder chopped off

Bottom of Stringers 1307.8  
" " Center Sup. 1307.0

Top of Ice under Bridge. 8.5' up to Stringers  
B.M. on S.W. Cor. of Bridge N. End Span 7.7' " to Center Span  
B.M. on Oak 7' 13" S. 105 ft. West of N. End of Bridge  
N. End of Bridge - Road  
S. End " " "



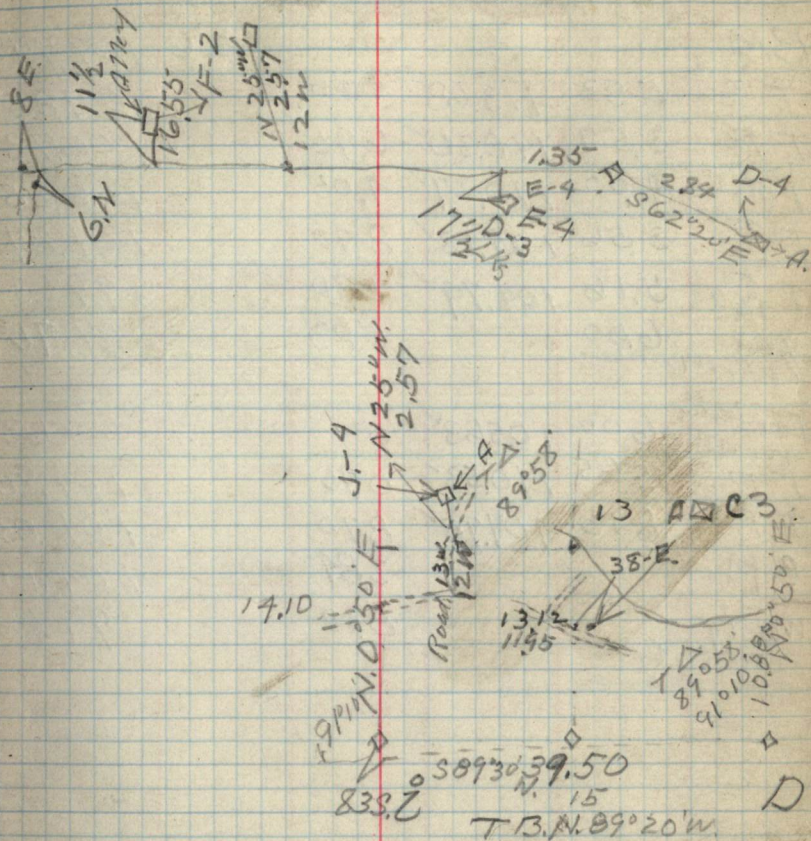
lots 1 - 2 parts.  
 " 3 - 4 complete  
 Desc 1 - 2 in two sections  
 Com. Club added  
 Walker.



Commercial Clubs  
 First Addition to  
 Walker  
 (see 23 T142 N R31 W.)

Corat	Spec.	Dia	Bearing	Dist	Remarks
D-					Cement & Brass plate 13 by 3.0
Mc					Cement & Brass plate 13 by 3.0
2	N. Pine	16	N. 28° E	38	orig B.T. good ✓
"	" stubs	3	17° W.	48	" Broken
	J. Pine	5	N. 10° E	12	→ Poster
15	N. Pine	18	N. 78° 30' E	52	Mkd. B.T. E 1/2 S. 2 1/2 OAK POST.
13	J. Pine	6	S 7° E	13	Map 7 Post 4" x 4"
12	J. Pine	6	S 20° W.	4	Mkd B.T.

4/27/37  
1937, 1st thing, See 26 T 146 N. R 27 W.  
38  
Winnier Home Site.



Winnier L.D.  
Lat. 47° 26' 20"  
1 30  
24' 50"

Sta	+	H.P.	-	Elev
Sugar Lake	11.05	111.05		100.00
BM			1.26	109.79
T.P.	5.83	113.68	3.20	107.85
T.P.	3.57	110.30	6.95	106.73
T.P.	4.02	110.27	4.05	106.25
T.P.	3.56	105.93	8.40	101.87
T. Ice	5.16	104.79	5.80	99.63
Lake Winnie	6.00		5.93	99.66
Lake Winnie	6.00	105.63	0	99.63
T.P.	5.65	110.53	0.75	104.88
T.P.	6.15	107.98	8.70	101.83
BM			3.84	104.14
Water in ditch			8.30	99.68

Levels from Sugar Lake <sup>39</sup>  
to Winnie Lake and  
Raven Brook Dam Site

2" Willow, West of Dam Site 100ft.  
Water in Ditch at Dam Site Raven  
Brook.

N 08° 30' W

N 29° 30' W

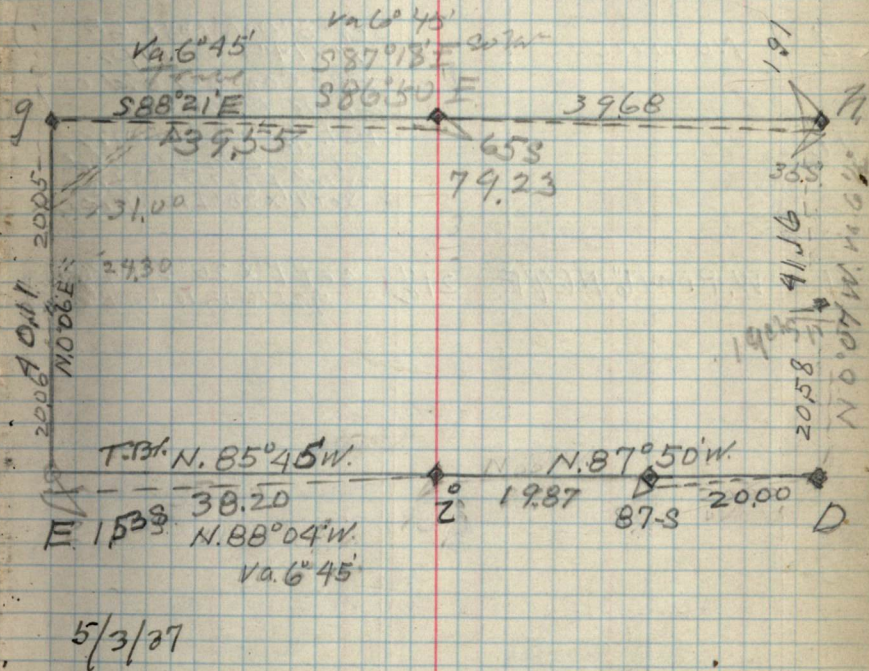
$$\Delta = 61^\circ$$

$$Ex = 22'$$

Corat	Spec.	Dir	Beating	Dist.	Remarks
D.	Tam.	4	S 31° E	38	
	"	6	N 35° E	44	
	"	4	S 54° W	48	
	"	6	N 44° W	67	
	"	4	S 79° W	10	→ Poster
I	Tam.	7	S 40° W	11	NO SIGN ✓
	"	3	N 59° E	13	→ Poster OTHER DIST.
9	N Pin	10	N 80° E	8	} orig. B.T. Chappedin Oak Post.
	"	10	S 45° W	14	
	Mkd.				
	J Pin	5	N 55° E	61	
	Aspen	2	North	3	→ Put Poster
C	Tam.	2	N 38° W	48	B.T. by Co. Sur.
	"	3	N 77° W	44	→ Place Poster
H.	Tam.	3	S 12° E	30	orig B.T.
	Tam	3	S 25° E	52	→ Poster ✓
					4/22/37.
E.					Tam. Co. Sur. 07 of Post.
14	Spruce	8	N 79° E	27	County B.T. & Co. S. O.K. ✓
	Tam.	5	S 11° W	21	
E	Spruce	6	S 77° W	26	orig B.T. down
	Cedar	6	N 52° E	27	New B.T.
	Balsam	7	N 55° W	31	" " Cedar Post
	Aspen	2	N 2° W	14	→ Poster

4/20-23/37  
J.B. G. / Lang.

Sec. 21-T145N R27W 41  
Nushka L.O.



Cont	Spec.	Dia	Bearing	Dist	Remarks
E.	W. Pine	16	N. 23° W	58	Orig. BT. OK ✓
	N. Pine	20	S 23° W	38	" " Rotten Stub
	J Pine	10	S 65° W	21	Mkd. New BT. Post. set Post.

16 Aspen 6" N. 31° W. 16 1/2 MKd BT. 3" Oak Post

8 No Trees.

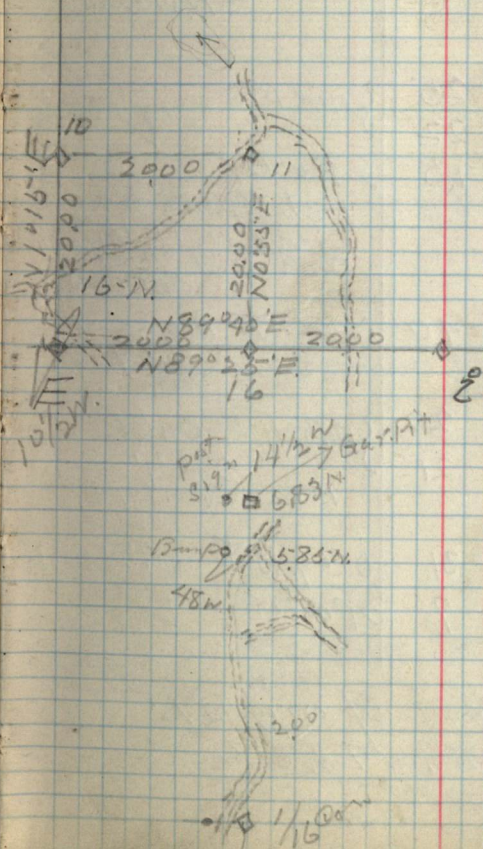
✓ Set 3" Oak Post 6"  
1" x 14" Iron Pipe.  
Est. Cor. by old orig.  
Lime BT. Posts.  
Est. 1/8 Cor. by orig.  
Lime BT. Posts. and  
old Field notes.  
Set 1" x 20" Iron pipe.

10

11 W. Pine 6" N 69° E. 21 1/2 set 1" x 20" Iron pipe  
72 LKSW to Temp.

4/29/37  
JAG, Albany.

Sec. 21-T146R27m 42



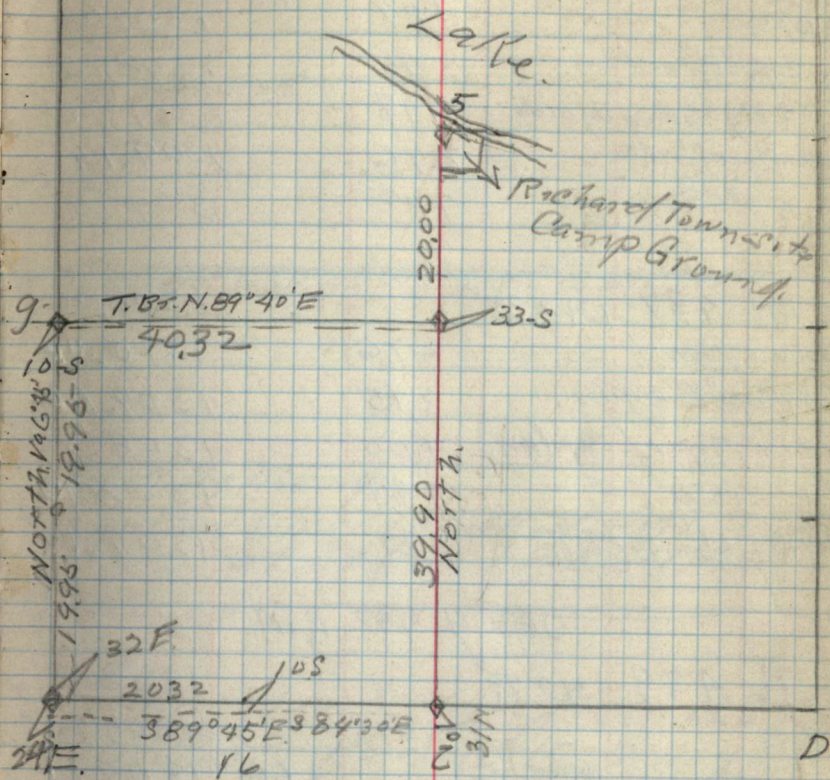
TAM'S PT  
Camp Grounds

Coral Spec.	Dia	Bearing	Dist	Notes	
J. Pine	8	S33°E	82	Orig B.T. stub with h. at left	
E. "	10	N87W	135	Mkd near	
"	5	S1836E	50	" " ✓	
Aspen	2	N38°E	17	→ poster set oak post 4" x 5"	
16	Tam.	10	N5°E	15	Co. B.T. 1
10					02 of 1/16 cor? Rotten
9.	Aspen	2	S 36 W	25	} new B.T.s ✓
"	"	2	N. 72 E	22	
"	"	2	S 35 E	15	
C	J. Pine	4	S 50° E	40	Mkd B.T. Aspen post 3" x 4'
5	W. Oak	4	N 60° E	20	} Mkd B.T.s oak post 3" x 4' 1" x 20" iron pipe
	J. Pine	7	N. 8° E	21	
2	J. Pine	8	N 10° E	31	Orig. B.T. scribed post
	Tam.	8	S 79 W	9	→ poster ✓

B. - Looked for signs of orig B.T.s but all burned & rotten.

5/3/37 J. G. J. et al map  
B. 5/12/37

Sec. 20-T145N.R28W



1920, 800 of 1968.  
S84°30'E

Set Post  
J. Pine 8' N 8° E 67  
Moved post to  
right place.

	+	H 1	-	Elv.
B.M. 3.15				1308.75 ✓
U.S. B.M.			4.87	1307.03
Top Cap. "E" on Plan.			3.45	1308.45 ✓
R. Pt. By U.S. Eng. By Bldg.			9.97	1301.98 ✓
Cent. span New			2.76	1309.14
or "old Br.			4.00	1307.90

U.S. B.M. 4.87			1312.87 ✓	1308.001
Top Cent. span.			2.76	1310.24 ✓
Top Cap. "E" on plan.			3.45	1309.42 ✓
old Br. Top of Cap (Ave)			4.00	1308.87 ✓
R. Pt. By Bldg.			9.97	1302.90 ✓
Fore B.M. on cap. B.T.			3.15	1309.72 ✓

JAG 2/13/40 R. 101

U.S. B.M. 4.79			1312.79	1308.00 ✓
F.S. B.M.			3.075	1309.725 ✓
Top of last piling	allow for cap 1.0 ft		3.68	1309.17 ✓
Top cap "E"			3.35	1309.44
Top cap North			3.15	1309.64
or in 16' North			3.59	1309.20

Project # 222

201. Burns Lab. Daily

TT. 469.

Miss. Bridge 2/5/40. JAG 44  
Old Elev. data, Feb. 8-1937 Letter from U.S. Eng.

5/8" Iron Rod

Corrected Elev. as checked Feb 6-1940

Ref. Pt. By U.S. Eng.  
Corrected Elev. as checked with U.S. Eng.  
at St. Paul Feb. 6-1940.

Orig. Levels run from U.S. B.M.  
No. 393 March 15<sup>th</sup> 1937 By J.A.G.  
Refer back in this book.  
"Levels for Miss. Bridge  
Third River Road"



△ Bass

Lake

9.24 N. 0° 06' E.

T. Pt 21

32.71 S 88° 30' W

See. Co. 13

23/24

Corat	Spec.	Dia	Bearing	Dist.	Remarks
A.					orig. BTS 9. Iron 19.
B.					orig. BTS OK

13/18 B.  
24/19

Bass Lake Lo. Site 45  
Lat. 47° 42' 53" Sec 24 T 149 N R 26 W

87.06 ch.

T. 149 N. R. 26 W.  
T. 149 N. R. 26 W.  
24  
T. 149 N. R. 26 W.

30° 10' W  
9.74  
BASS LAKE  
LO. SITE

A 19 13  
23 24



May-5-6-1937  
JAG:ethang



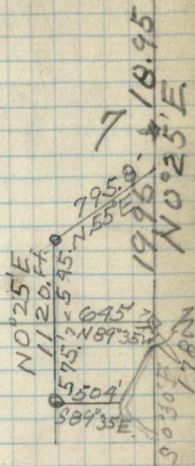
Cont	Spec.	Di	Bearing	Dist.	Remarks
7.	NPinv	14	N13°45'E	69	Post <sup>12</sup> orig. BTs OK. ✓
"	"	12	N58°15'W	23½	Iron Pipe 2" x Post <sup>12</sup>
MC of A.	Dead Spruce	5'	S.31°E	48	orig. BT. ✓ Set Aspen post and 2" x 20" pipe.
	Aspen	6'	S30°45'E	86	Mkd New BT. 6/24/37
7	Set	Aspen post and scrip post			

B 6/24/37  
JAG:elhangy

Sec. 12-T59N R. 26W.

47

Lake A



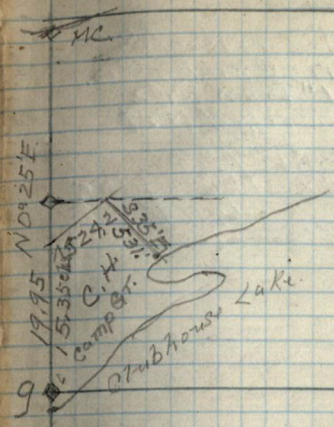
12P

E.

D

Sec 7-T59N.R25W.

48



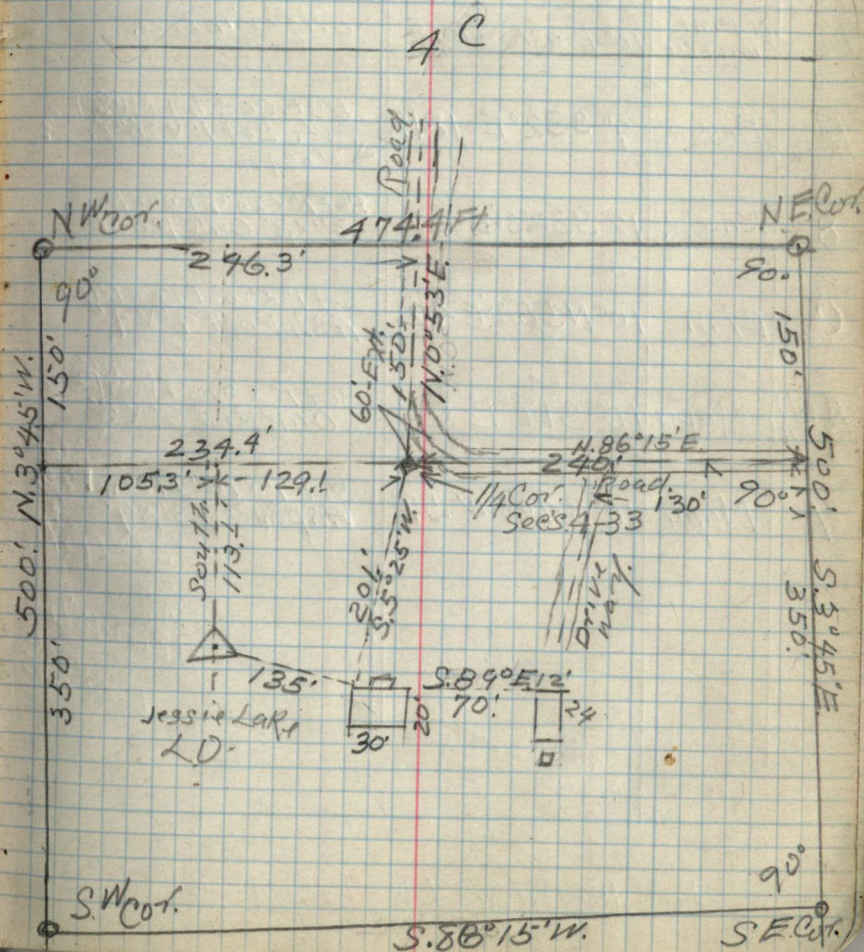
Jessie Lake L.O.

6/30/37  
Sec. 4. T147N R. 25W

N 86° 15' E  
386.8

49

Cor. at	Spec.	Di Bearing	Dist	Remarks
A				Orig Con. by Co. 1" Iron Pipe Scribed Post
f.	1 pine	6" S 22° W	25 3/4	Cor. by Co. 2" X 20" Iron Pipe Scribed Post Poster.





L1 m. S0°06'W  
2.649

S44°55'E 2.34 1/2

9.850116 9.848862  
2.370143 2.370143  
2.220259 2.218995 ✓  
1.66 ✓ 1.655 ✓

(10.45 S0°12'W)

12.37 1/2 S0°12'W

9.899910 9.542906  
3.092545  
12.37 1/2 0.635451 ✓  
0.932 ✓

6.52 S22°22'E

9.966033 9.580392  
2.814248 2.814248  
2.780281 2.394640 ✓  
6.03 ✓ 2.48 ✓

9.80 S45°31'E

9.895533 9.853366  
2.991226 2.991226  
2.836759 2.844592 ✓  
6.862 ✓ 6.992 ✓

20.67 S32°40'W

9.925222 9.732193  
3.315390 3.315340 ✓  
3.240562 3.047533 ✓  
17.40 ✓ 11.158 ✓

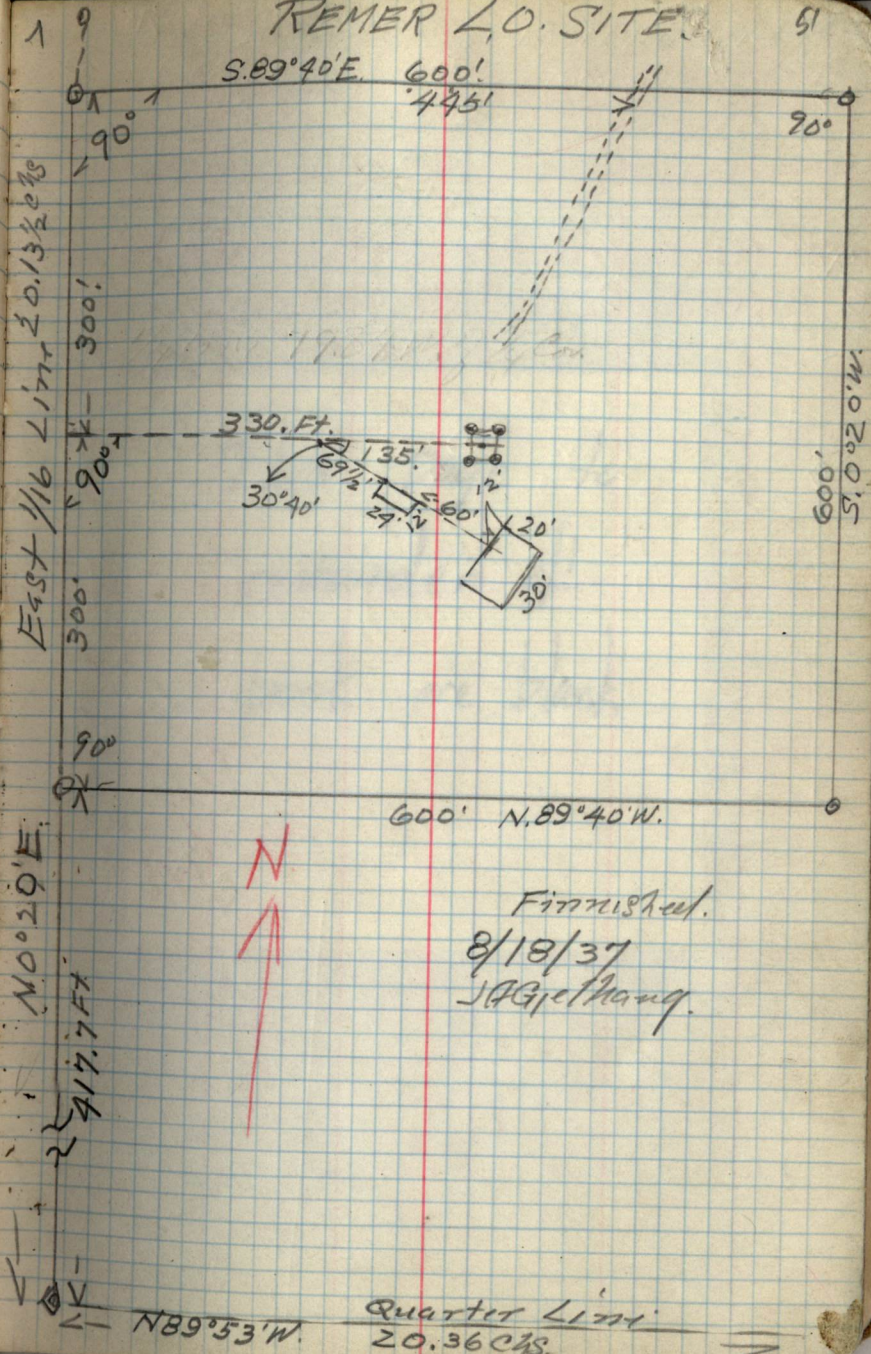
S  
1.66 ✓  
12.37 1/2 ✓  
6.03 ✓  
6.862 ✓  
17.40 ✓  
44.33 1/2 ✓

E. 1.655  
2.481  
6.992  
11.129  
11.158  
11.159  
11.129  
44.61 ✓

# REMER L.O. SITE

51

S.89°40'E 600'  
445'



N0°20'E

25 1/2 417.7 FT

NB9°53'W

Quarter L1 m.  
20.36 C/S.

Finnish St.  
8/18/37  
JAGJelhang.

52  
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