

Onigum Road Surveys  
with Truck Trails and  
Misc. Surveys

# 107

K&E  
MINING  
TRANSIT BOOK  
363 A

W

ccc

7











B.M. # 461 - 1308.20 }  
 1304.22 }

Elev. of Winnie on Jan. 29, 1903 = 1294.28

" along creek - 1296.0

3.54 - 10.29

N 34 1/2 E 472. =

8.84

99 = 100  
 196 = 200  
 295 = 300

Handwritten calculations and notes including:  
 15 1/2  
 26 20  
 52 4  
 20 20  
 5 2 4  
 1308.20  
 3.54  
 1311.74 42  
 10.29  
 1301.45 TP  
 0.55  
 1302.00  
 1303.55  
 1293.16  
 10.7  
 295 300  
 295  
 500  
 295  
 140  
 250  
 8.90  
 9.20  
 584  
 486  
 99 ft  
 606  
 410  
 196 ft.  
 1 ft. 95"  
 1294.28  
 1290.95  
 3.33  
 629  
 334  
 2.95

Natural Trigonometrical Functions.

Anglo.	Sine.	Tan.	Sec.	Cosec.	Cotg.	Cosin.	Anglo.	Sine.	Tan.	Sec.	Cosec.	Cotg.	Cosin.		
0°	0	0	1.	∞	∞	1.	90°	1.	∞	∞	0	0	0		
10	.0029	.0029		343.8	343.8	I.	50	.1421	.1435	1.0102	7.040	6.968	.98988		
20	.0058	.0058		171.9	171.9	.99998	40	.2014	.2049	1.0107	6.900	6.827	.98944		
30	.0087	.0087		114.6	114.6	.99996	30	.2598	.2643	1.0111	6.836	6.761	.98902		
40	.0116	.0116	1.0001	85.94	85.94	.99993	20	.3177	.3234	1.0115	6.766	6.687	.98858		
50	.0145	.0145	1.0001	68.76	68.75	.99989	10	.3750	.3819	1.0120	6.512	6.435	.98814		
1	.0175	.0175	1.0002	57.30	57.29	.99985	89	.4318	.4390	1.0125	6.394	6.314	.98769		
10	.0204	.0204	1.0002	49.11	49.10	.99979	50	.4881	.4964	1.0129	6.277	6.197	.98723		
20	.0233	.0233	1.0003	42.98	42.96	.99973	40	.5440	.5533	1.0134	6.166	6.084	.98676		
30	.0262	.0262	1.0003	38.20	38.19	.99966	30	.6000	.6103	1.0139	6.059	5.976	.98629		
40	.0291	.0291	1.0004	34.38	34.37	.99958	20	.6561	.6674	1.0144	5.955	5.871	.98580		
50	.0320	.0320	1.0005	31.26	31.24	.99949	10	.7124	.7247	1.0149	5.855	5.769	.98531		
2	.0349	.0349	1.0006	28.65	28.64	.99939	88	.7689	.7821	1.0154	5.759	5.671	.98481		
10	.0378	.0378	1.0007	26.45	26.43	.99929	50	.8256	.8397	1.0160	5.665	5.576	.98430		
20	.0407	.0407	1.0008	24.56	24.54	.99917	40	.8824	.9073	1.0165	5.575	5.485	.98378		
30	.0436	.0437	1.0010	22.93	22.90	.99905	30	.9394	.9750	1.0170	5.488	5.396	.98325		
40	.0465	.0466	1.0011	21.49	21.47	.99892	20	.9965	1.0428	1.0176	5.403	5.309	.98272		
50	.0494	.0495	1.0012	20.23	20.21	.99878	10	1.0537	1.1103	1.0181	5.320	5.226	.98218		
3	.0523	.0524	1.0014	19.11	19.08	.99863	87	1.1110	1.1779	1.0187	5.241	5.145	.98163		
10	.0552	.0553	1.0015	18.10	18.07	.99847	50	1.1684	1.2447	1.0193	5.164	5.066	.98107		
20	.0581	.0582	1.0017	17.20	17.17	.99831	40	1.2259	1.3113	1.0199	5.089	4.989	.98050		
30	.0610	.0612	1.0019	16.38	16.35	.99813	30	1.2835	1.3783	1.0205	5.016	4.915	.97992		
40	.0640	.0641	1.0020	15.64	15.60	.99795	20	1.3412	1.4443	1.0211	4.945	4.843	.97934		
50	.0669	.0670	1.0022	14.96	14.92	.99776	10	1.3990	1.5156	1.0217	4.877	4.773	.97875		
4	.0698	.0699	1.0024	14.34	14.30	.99756	86	1.4569	1.5913	1.0223	4.810	4.705	.97815		
10	.0727	.0729	1.0027	13.76	13.73	.99736	50	1.5149	1.6683	1.0228	4.745	4.638	.97754		
20	.0756	.0758	1.0029	13.23	13.20	.99714	40	1.5730	1.7473	1.0234	4.682	4.574	.97692		
30	.0785	.0787	1.0031	12.75	12.71	.99692	30	1.6312	1.8383	1.0240	4.620	4.511	.97630		
40	.0814	.0816	1.0033	12.29	12.25	.99668	20	1.6895	1.9413	1.0246	4.560	4.449	.97566		
50	.0843	.0846	1.0036	11.87	11.83	.99644	10	1.7479	2.0463	1.0251	4.502	4.390	.97502		
5	.0872	.0875	1.0038	11.47	11.43	.99619	85	1.8064	2.1633	1.0256	4.445	4.331	.97437		
10	.0901	.0904	1.0041	11.10	11.06	.99594	50	1.8650	2.2923	1.0261	4.390	4.275	.97371		
20	.0929	.0934	1.0043	10.76	10.71	.99567	40	1.9237	2.4333	1.0266	4.336	4.219	.97304		
30	.0958	.0963	1.0046	10.43	10.39	.99540	30	1.9825	2.5863	1.0271	4.284	4.165	.97237		
40	.0987	.0992	1.0049	10.13	10.08	.99511	20	2.0414	2.7513	1.0276	4.232	4.113	.97169		
50	.1016	.1022	1.0052	9.839	9.788	.99482	10	2.1004	2.9283	1.0281	4.182	4.061	.97100		
6	.1045	.1051	1.0055	9.567	9.514	.99452	84	2.1594	3.1173	1.0286	4.133	4.011	.97030		
10	.1074	.1080	1.0058	9.309	9.255	.99421	50	2.2184	3.3183	1.0291	4.086	3.962	.96959		
20	.1103	.1110	1.0061	9.065	9.010	.99390	40	2.2774	3.5313	1.0296	4.039	3.914	.96887		
30	.1132	.1139	1.0065	8.834	8.777	.99357	30	2.3364	3.7563	1.0301	3.994	3.867	.96815		
40	.1161	.1169	1.0068	8.614	8.556	.99324	20	2.3954	3.9933	1.0306	3.949	3.821	.96742		
50	.1190	.1198	1.0072	8.405	8.345	.99290	10	2.4544	4.2423	1.0311	3.906	3.776	.96667		
7	.1219	.1228	1.0075	8.206	8.144	.99255	83	2.5134	4.5033	1.0316	3.864	3.732	.96593		
10	.1248	.1257	1.0079	8.016	7.953	.99219	50	2.5724	4.7763	1.0321	3.822	3.689	.96517		
20	.1276	.1287	1.0082	7.834	7.770	.99182	40	2.6314	5.0613	1.0326	3.782	3.647	.96440		
30	.1305	.1317	1.0086	7.661	7.596	.99144	30	2.6904	5.3583	1.0331	3.742	3.606	.96363		
40	.1334	.1346	1.0090	7.496	7.429	.99106	20	2.7494	5.6673	1.0336	3.703	3.566	.96285		
50	.1363	.1376	1.0094	7.337	7.269	.99067	10	2.8084	5.9883	1.0341	3.665	3.526	.96206		
							82						74		
	Cosin.	Cotg.	Cosec.	Sec.	Tan.	Sine.	Anglo.		Cosin.	Cotg.	Cosec.	Sec.	Tan.	Sine.	Anglo.



1308.20 1299.26  
 2.78  
 1310.78 435  
 115.2

1303.61 18.65 98.24  
 104.3  
 113.0 1293.18  
 14.3

98.7  
 103  
 18.7  
 84.7 98.7  
 46.1

123.7  
 12.7  
 111.0  
 63.5  
 47.5  
 5.5  
 1/4 E 670

98.99 1.77

Elev 98.5	
+	-
3.4	3.6
2.9	3.4
4.0	3.5
4.2	3.8
14.5	14.3

666  
 36  
 3.6  
 10.5  
 3.6

98.5  
 14.5  
 113.0  
 198.9  
 14.1

96.0  
 48  
 10.8  
 10.8  
 96.0

2667  
 2665  
 2

3.6

58730E 1100  
 N330E 1000  
 East 1800  
 N7930E 309  
 S614E 600  
 S504E 660  
 S104E ~~454~~

S54E 770  
 S384W 720  
 S79W 230  
 N49 1/2 W 740  
 N60 1/4 W 210  
 N81W 540  
 S83W 760  
 N75 3/4 W 600  
 N64 1/2 W 1400  
 N27 1/2 E 215

N	S	E	W
	48.0	1099.0	
998.1		61.0	
		1800.0	
16.3		303.9	
	288.6	526.0	
	422.0	507.4	
	544.3	163.4	
	766.1	77.1	
	561.5		450.7
	43.9		225.8
480.6			562.7
104.2			182.3
84.5			533.4
	92.6		754.3
149.7			581.5
603.0			1264.0
190.7		99.2	
2665.1	2767.0	4577.0	4556.7
	- 98.2	<del>457.7</del>	
		4558.3	

99-10 CLOSURE AROUND BURNS LAKE







TRAVERSE OF C.A.R. #26 OR  
FROM 1/4 SEC. 17  
20 T142 RGE 30

West .75 chains To E of C.A.R. #26

N94°E 6.00

N84°W 10.30 To P.I. - CAR #26 & South

THENCE With traverse of  
Stoney Pt. Tr. Tr.

N57°E 5.00

N76°E 3.60 To P.I. N+S forks of

North fork

N68°30'W 2.00 ✓

N50°15'W 5.20 ✓

N71°W 3.80 ✓

FROM P.I. int. of FORKS THENCE

TRAVERSE St. Pt. Tr. Tr.

N81°30'E 7.40 ✓

N71°E 4.00 ✓

N68°15'E 3.70 ✓

N52°45'E 6.80 ✓

N62°45'E 7.50 ✓

N76°30'E 7.50 ✓ @ 2.00 Cem. on North side

S59°E 8.00 ✓

S85°15'E 3.20 ✓

S51°45'E 7.70 ✓

N70°15'E 12.00 ✓ @ 2.88 West 1/16 line Sec. 16

76.40

AGENCY BAY ROAD.

fork of Stoney Pt. Tr. Tr.

Stoney Pt. Tr. Tr.

To E C.A.R. #26

of Road



N87°15'E 7.80 ✓  
 S69°E 7.80 ✓ @ 3.35 cross N+SE & 14.0 chrs. South  
 S86°15'E 5.60 ✓  
 N42°30'E 7.00 ✓  
 N57°45'E 4.00 ✓  
 N38°30'E 4.00 ✓  
 N54°E 7.50 ✓  
 N65°E 4.00 ✓ SEC. LINE  
 N74°45'E 4.00 ✓  
 S87°E 4.95 ✓ - 1/4 Secs. 15 + 16 bears S. 64 lks.  
 N50°30'E 3.00 ✓  
 N19°45'E 10.00 ✓ @ <sup>2.00</sup> Road S.E. to Johnson + Old Road  
 N1°E 10.90 ✓  
 N68°45'E 4.00 ✓  
 N85°E 4.40 ✓  
 N40°E 12.60 ✓  
 N85°30'E 5.40 ✓ P.I. ST. Pt. Rd. + N. Thompson Rd  
 N4°E 5.50 ✓ LAKE 50'E. Marsh to W  
 N17°E 9.50 ✓ " 75'E  
 N28°30'E 7.00 ✓ " 30'E -  
 N33°30'E 5.20 ✓ @ 150 Marsh Ends -  
 @ 3.50 Big Rock App. 2 chs. E.  
 N2°E 3.50 ✓ @ 1.38 - Stake on S. side Lot 10  
 N35°15'E 12.70 ✓  
 N24°30'E 14.20 ✓ @ 5.05 x E + N. Line

of C 1/4 SEC. 16

to Stony Pt. Resort

LEECH LAKE 60'E

@ 4.75 cross E + W. Line

of Special Use here RIGHT 25-lks.



N41°15'E 2.00 - A.P.I. on Rest. Mound  
 N75°E 6.30 ✓  
 N30°30'E 8.60 ✓  
 N9°E 6.40 ✓  
 N30°45'E 10.40 ✓ @ 7.00 Hunter Camp bears East

End of Road

FROM LAST STATION THE COR.

BEARS N62°E - 4.85 chns.

109.90  
 33.70  
 -----  
 76.20  
 13.76  
 -----  
 62.44  
 87.56  
 -----  
 82.56  
 90.81  
 -----  
 28.25  
 38.96  
 -----  
 33.10

Line bears N80°W 34 chs

approx 2.50 chns.

N 41° 15' E  
 S 3 1/2 W  
 S 10 1/2 W  
 1918



TRAVERSE OF AGENCY BAY  
ROAD - CAR. # 26.

FROM	$\frac{1}{4}$ Sec $\frac{20}{29}$	T 142 R 30
WEST	.60	TO $\frac{1}{2}$ ROAD
N 22° 30' W	4.30.	
N 30° 30' W	9.70.	
N 19° W	25.20.	@ 8.50 <sup>South</sup> Entrance to Munn -
		@ 17.40 North End of "
		@ 24.36 S. END OF IVENS +
N 25° 45' W	6.90.	Entrance to Severs Resort
N 3° 45' E	2.00.	6. Shore Agency Bay - 50' W
N 37° 45' E	14.40.	
N 24° 30' E	13.20.	
N 13° 15' E	8.49	
EAST	.75	TO $\frac{1}{4}$ Sec $\frac{17}{20}$

4

Missouri Recruit - West side of road  
" + S. end of Ivens Resort  
N. line of Severs Resort



$$\begin{array}{r} 11.5 \\ 15.8 \\ \hline 27.3 \end{array}$$

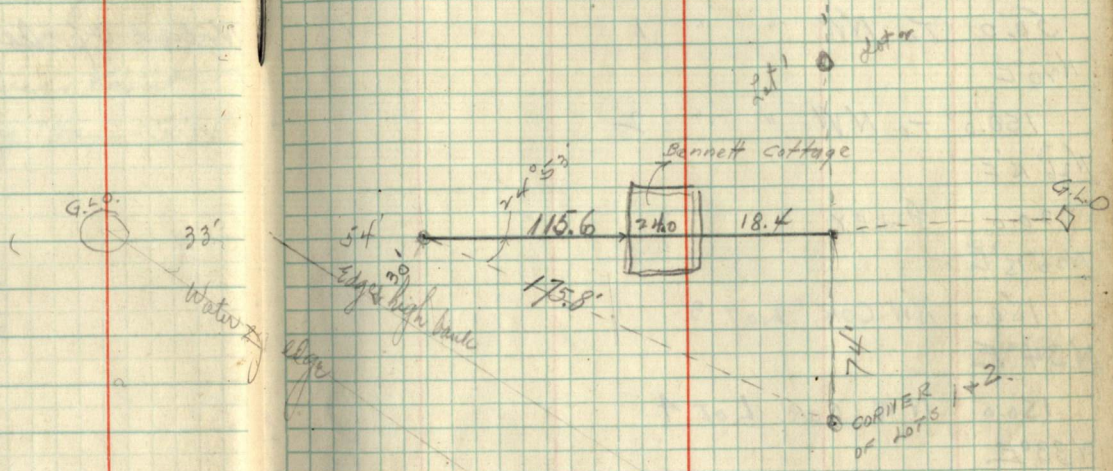
1889779

N.C. BENNETT

Trespass on Gov't land.

Walker Bay

Sec. T142 - Rge. 31





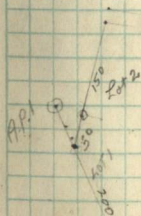
From A.P. 1 -  $574^{\circ}E$   
 34.0 West edge STONY PT. TR. R.  
 53.0 E. " " "  
 70.0 SW CORNER LOT 1. SPCL. USE.  
 270.0 SE. " " " "  
 329.7  $\odot$  APV WC. 620.1470

$N29^{\circ}E$  FROM SW COR. LOT 1- ✓  
 50.0 To NW " " 1 ✓  
 $N70^{\circ}E$   
 150.0 To NW " " 2  
 $N26^{\circ}15'E$   
 20.0 ALLEY  
 $N26^{\circ}15'E$   
 150.0 NW COR. LOT 3.  
 $N34^{\circ}E$   
 150.0 NW COR. LOT 4  
 $N33^{\circ}E$   
 150.0 NW CORNER LOT 5  
 $N34^{\circ}30'E$  150.0 NW COR. LOT 6 ✓  
 $N30^{\circ}36'E$  150.0 " " " 7 ✓  
 $N70^{\circ}E$  70.0 ALLEY ? ✓  
 $N70^{\circ}E$  150.0 NW COR. LOT 8 ? ✓  
 $N11^{\circ}45'E$  150.0 " " LOT 9 ? ✓  
 $N8^{\circ}30'E$  150.0 " " " 10 ? ✓  
 $N33^{\circ}E$  150.0 " " " 11 ? ✓  
 $N34^{\circ}30'E$  150.0 " " " 12 ? ✓  
 $N36^{\circ}E$  150.0 " " " 13 ? ✓

6

## SURVEY OF STONY POINT SUMMER HOME SITES.

Note: - This survey changed in Oct. 1934, so these notes are not to be used.



APV WC



584°E

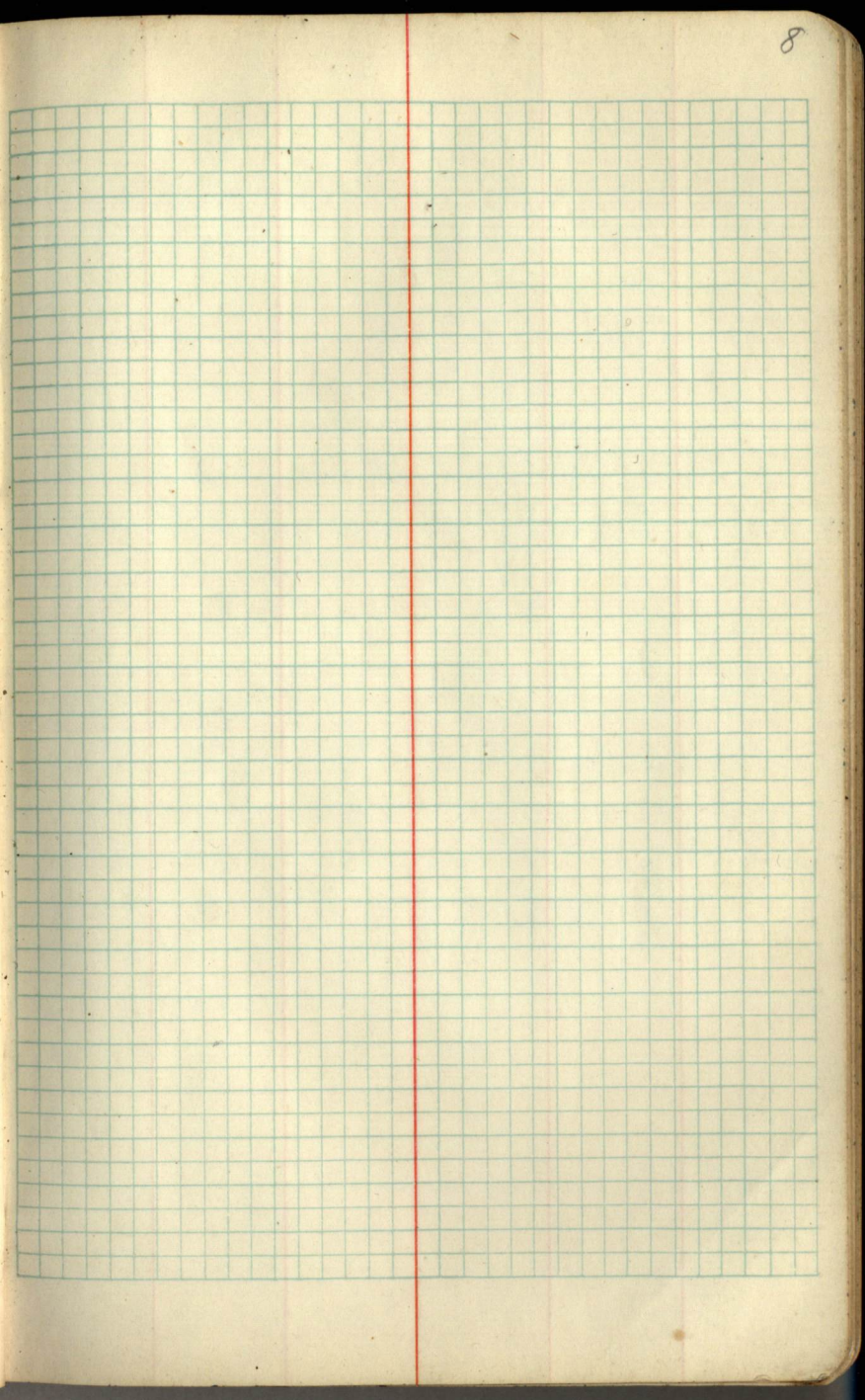
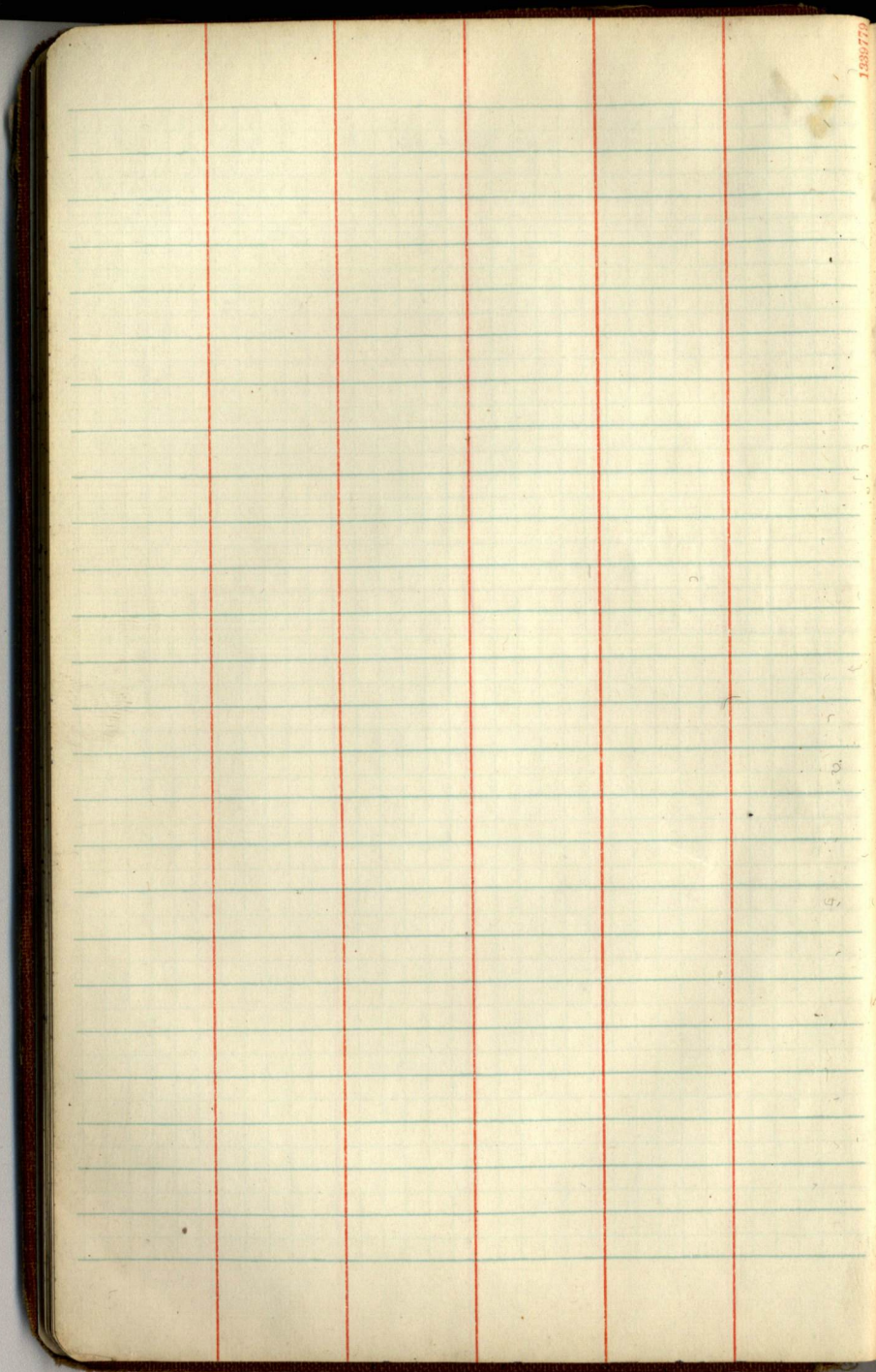
160.0

NE CORNER LOT 13

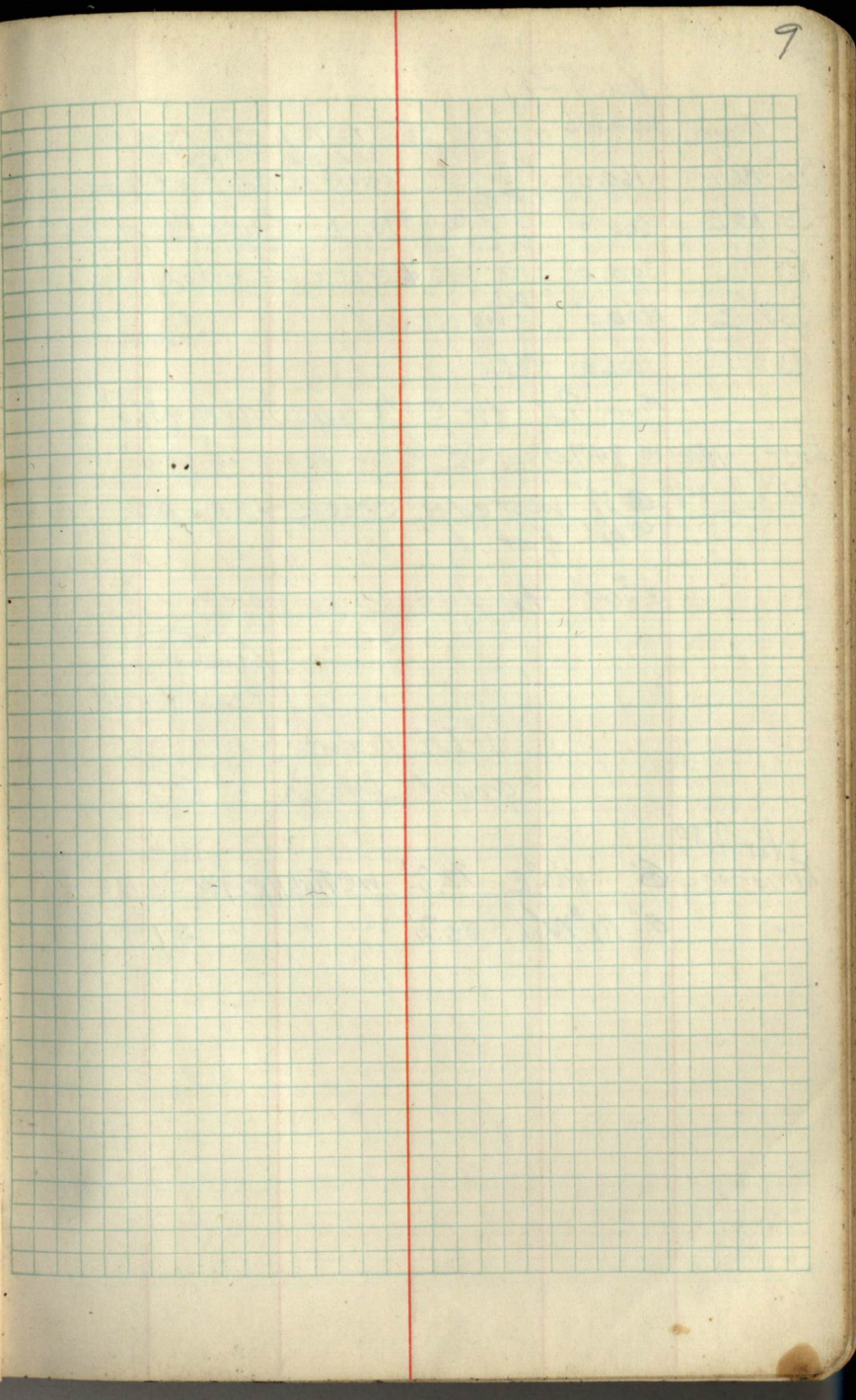
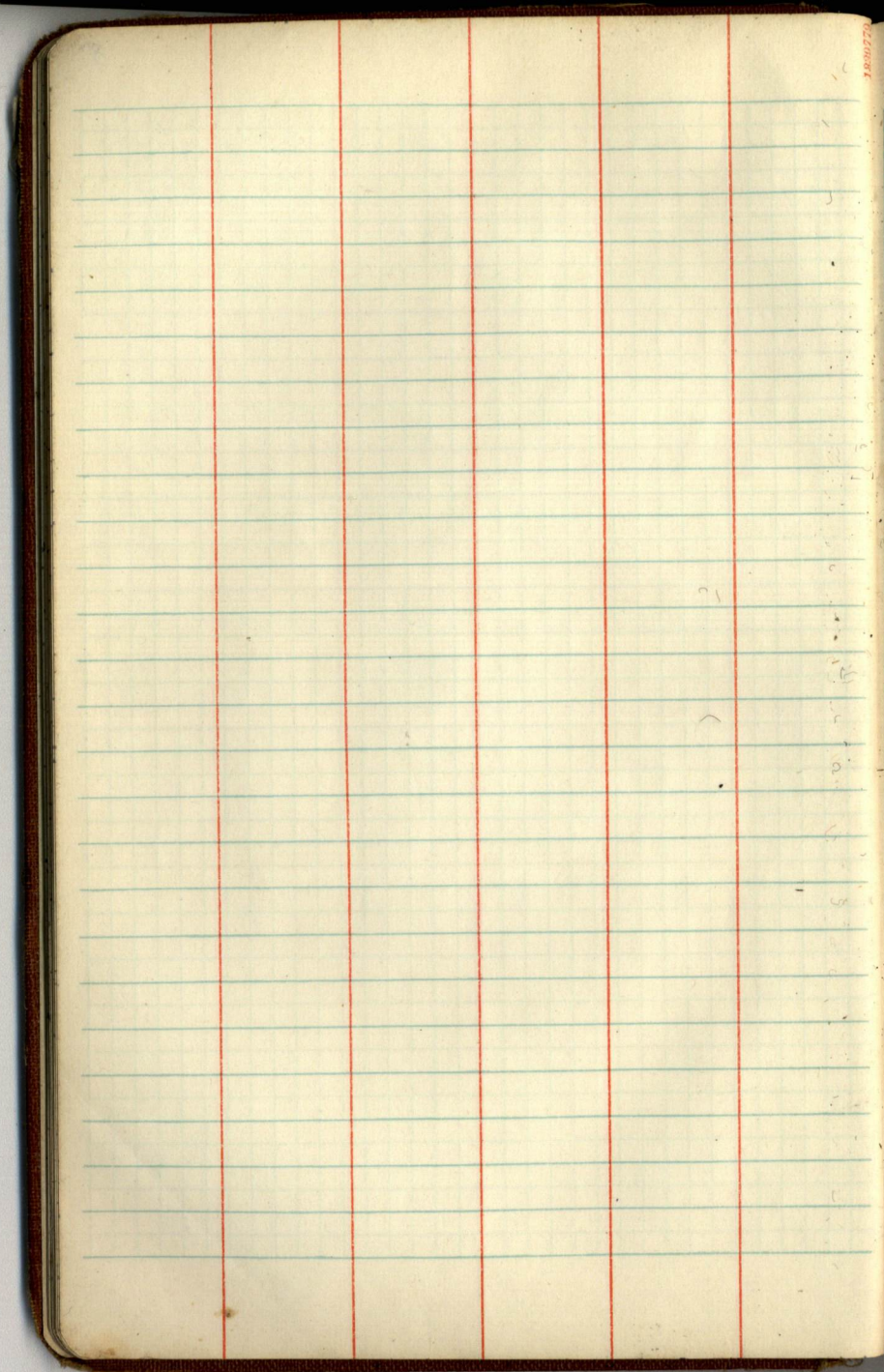
1889777

7











10-1-1934

Var. 7°50'

From SW<sup>1</sup>/<sub>4</sub>SW<sup>1</sup>/<sub>4</sub> corner Sec 1, Twp. 146, Rge. 30

S1°W 160.0' P.F.A. @ 137' Road S80°E-N80°W  
 creek 48' East of line

S37°15'E 600.0' P.F.B. @ 590' & 15' creek

N89°E 300.0' P.F.C. @ 2N & creek <sup>20' wide</sup> SE + NW

S87½°E 1100.0' P.F.D. ins to house

N3°30'E 1000.0' P.F.E.

From P.E. the C.S. 1/4 bears S69½°W 487.0'

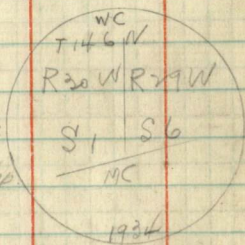
East 1800.0 @ 847.0' SE 1/4 cor bears S. 12.0'

N79°30'E 309.0' @ 37' west edge creek → NE + SE

@ 51' East " " "

@ 309' to U.S.G.L.O. corner

1" I.M. in above  
ground Brass Sap



Var 7°50'

Tamarac - 6" N22°E 72.2' W of 46 N R 29 W S 6 MC BT

" 5" N11°W 85.2' " " " S 1 " "

Steadland  
- Mice O'Brien  
Mancke  
Wells

10



10-2-1934

STEADLAND  
BOXLER  
GENEREX

STATION	H.I.	+	ELEV	-
BM	102.1	2.1	100.00	
A.			98.55	3.55
A.1.			96.55	5.55
A.2			98.40	3.70
T.P.	102.70	4.30	96.40	
A3			98.70	4.0
A4			98.75	3.95
A5			98.90	3.80
A.6			96.60	6.10
T.P.	101.95	5.35	96.60	
B.1			97.60	4.35
B.2			96.70	5.25
B3 (C.)			98.15	3.80
C.1			97.80	4.15
T.P.	101.30	3.50	97.80	
C.2			97.60	3.70
C.3			97.40	3.90
C.4			97.35	3.95
C.5			97.20	4.10
C.6			97.20	4.10
T.P.	101.20	4.0	97.20	
C.7			97.00	4.20
C.8			97.10	4.10
C.9			97.30	3.90

Nail in tree - 50' SW of Sta. "A."

In creek Bottom

A.2.

B. (a.6)

West edge creek

C.1

C.6

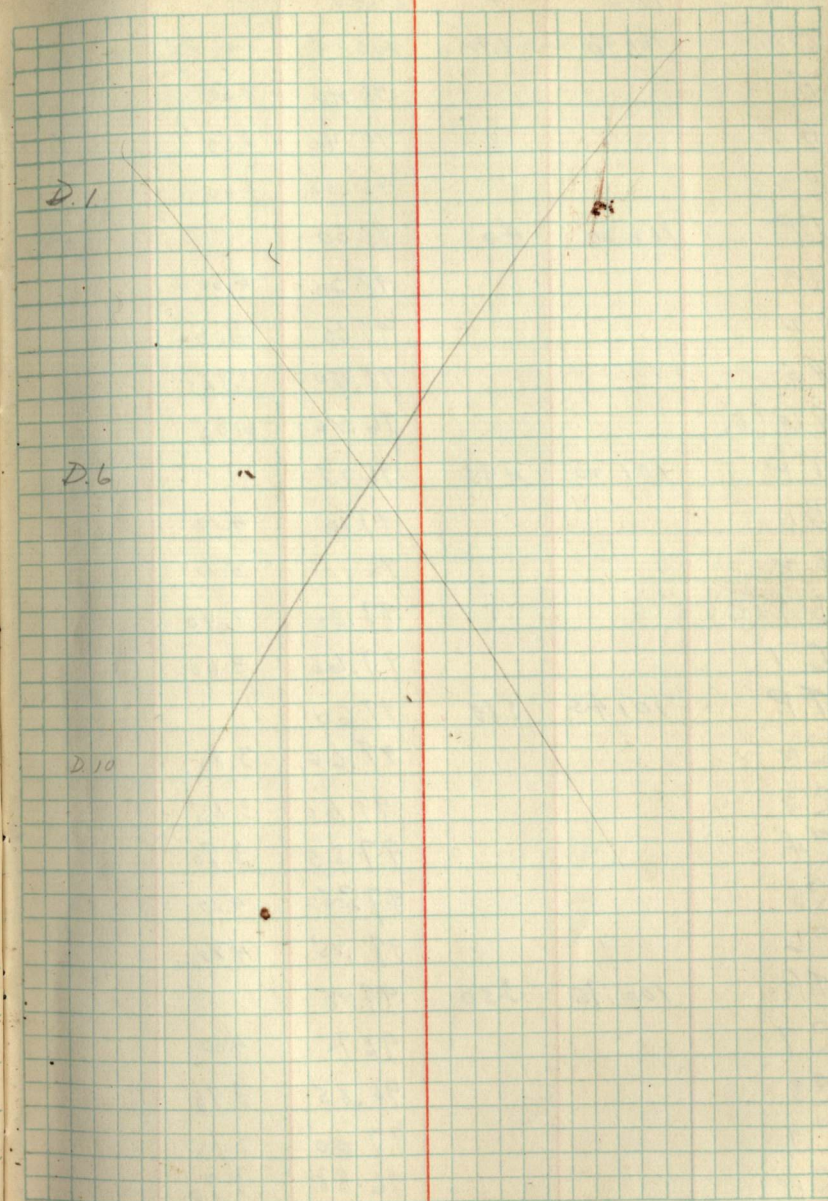


Sta.	H.I.	+	ELEV.	-
C. 10	101.70		97.70	4.00
C. 11 (D)			96.90	4.30
D. 1			97.00	4.70
T.P.	101.75	4.75	97.00	
D. 2			97.05	4.70
D. 3			97.25	4.00
D. 4			97.95	3.30
D. 5			98.25	3.00
D. 6			98.65	2.60
T.P.	102.95	4.30	98.65	
D. 7			98.85	4.10
D. 8			98.95	4.00
D. 9			98.85	4.10
D. 10			99.25	3.70

CHECK LEVELS.

T.P.	104.15	4.90	99.25	
T.P.	111.75	7.95	103.30	0.85
T.P.	110.95	6.65	104.25	7.00
T.P.	106.80	7.50	104.30	6.60
T.P.	102.70	1.60	100.60	6.70
B.M.			100.95	1.75

ERROR = .95'





BURNS LAKE LEVELS

Sta	H.I	+	ELEV	-
B.M	101.90	1.90	100.00	
A			98.40	3.50
A.1			96.40	5.50
A.2			98.30	3.60
T.P.	102.20	4.0	98.20	
A.3			98.20	4.00
A.4			98.20	4.00
A.5			98.50	3.80
A.6 (B)			96.75	6.05
T.P.	101.70	4.95	96.75	
B.1			97.10	4.10
B.2			96.10	5.10
B.3 (C)			97.80	3.40
C.1			97.60	3.60
T.P.	101.45	3.85	97.60	
C.2			97.65	3.80
C.3			97.60	3.85
C.4			97.55	3.90
C.5			97.35	4.10
C.6			97.75	4.20
T.P.	100.75	3.50	97.25	
C.7			96.75	4.00
C.8			96.85	3.90
C.9			97.00	3.75
C.10			96.85	3.90

Nail in 6' Aspen - 50' SW. of Station "A"

A.2

B.

C.1

C.6



10/2/20

STA.	H.I.	f	ELEV.	-
C. 11 (D)			96.75	4.00
D. 1			96.65	4.10
T.P.	101.05	4.40	96.65	
D. 2			96.65	4.40
D. 3			96.90	4.15
D. 4			97.65	3.40
D. 5			97.80	3.25
D. 6			98.35	2.70
T.P.	102.65	4.30	98.35	
D. 7			98.55	4.10
D. 8			98.60	4.05
D. 9			98.40	4.25
D. 10 (E)			98.90	3.75

CHECK LEVELS

T.P.	105.05	6.15	98.90	
T.P.	110.95	8.05	102.90	2.15
T.P.	110.60	6.70	103.90	7.05
T.P.	106.30	2.35	103.95	6.65
T.P.	101.95	1.80	100.15	6.15
B.M.			100.40	1.55

ERROR .4

D. 1

D. 6

D. 10

Nail in tree (Starting Point)



10-3-34

## CROSS SECTIONS - BURNSLAKE

STEARNS &  
BARBS  
GENEREUX

FROM STA. A.

STATION	H.I.	T	ELEV.	
	107.3	3.9	98.4	
N53E 26'			99.5	2.8
S53W 20'			98.3	4.0
S53W 40'			98.8	3.5

FROM - A+50

N53E 23'			95.9	6.4
" 38'			98.1	4.7
" 82'			99.8	2.5
S53W 40'			97.8	4.5
" 40'			98.8	3.5

FROM A 1

N53E 26'			97.3	5.0
" 40'			98.4	3.9
S53W 20'			96.1	4.7
" 40'			98.3	4.0

FR. A 2

	102.6	4.3	98.3	=
S53W 59'			97.1	5.5
" 72'			95.4	7.2
" 100'			97.2	5.4
" 190'			98.6	4.0
N53E 40'			99.6	3.0

15

96

~~STA. A.~~

STA. A.

S. edge Road - Bears. S80°E - N80°W  
Edge Woods.

Bottom Creek

Center Road - 10' Wide

Edge woods - Ground rises  
Creek

Edge Brush - Ground continues to rise

Edge Aspen - " " "

Creek

Edge woods

" Brush



	From A3	H.I.	+	ELEV	-
	102.6				
N53E 90				99.3	3.3
S3W 100				97.4	5.2
" 155				95.3	7.3
" 200				98.4	4.2

FROM A-4

	102.5	4.2	98.3	
S53W 100'			97.8	4.7
" 146			97.1	5.4
" 160			95.7	6.8
" 200			98.5	4.0
N53E			98.4	4.1

FROM A5

	102.2	3.7	98.5	
N53E 50'			98.2	4.0
S53W 100'			96.9	5.3
" 157			97.2	5.0
" 170			95.9	6.3
" 200			98.8	3.4
S10W 100			97.3	4.9
" 130			96.5	5.7
" 143			95.0	7.2
" 200			98.3	3.9
" 280			98.7	3.5

Edge Brush

Edge Woods

E. edge creek

Creek

Edge Woods

(+ 170 to woods)

Edge Woods

N. edge Creek

Creek



	H.I.	r	ELEV.	-
	From B		(Ditch at this pt. is 94.9)	
B.M	102.2	6.0	96.2	
S 25 E 15'			96.5	5.7
" 100			97.7	4.5
" 200			98.2	4.0
" 300			97.7	4.5
" 400			97.9	4.3
" 500			98.5	3.7
" 600			-	-
	From C.1			
	101.6	4.00	97.6	
North 200			98.8	2.8
South 100			97.1	4.5
" 180			96.2	5.4
" 260			95.4	6.2
	From C.6			
	101.4	4.2	97.2	
N 45 W 100'			97.2	4.2
" 200			97.5	3.9
" 300			97.5	3.9
" 400			98.2	3.2
	From C.6			
	101.2	4.0	97.2	
S 45 E 100'			96.9	4.3
" 200			96.7	4.5
" 300			96.5	4.7
" 340			96.2	5.0

B

Edge woods

(Edge wood @ 330')

600' to woods

Edge Lake

102.2  
7.2  
95.0

3.60  
96.75  
100.35  
11.5  
96.00



FROM D-5  
H.I.  
102.0 4.4

ELEV  
97.6 (0.4)

West 100	97.6	4.4
" 200	97.8	4.2
" 300	97.9	4.1
" 400	97.9	4.1
" 500	98.4	3.6
" 600	98.2	3.8
" 700	98.6	3.4
" 800	98.6	3.4
" 855	99.1	2.9

FROM E

103.1 4.2

98.9 (5)

West 100'	98.7	4.4
200	98.2	4.9
300	98.8	4.3
N40W 100'	98.0	5.1
200'	99.2	3.9
280	100.9	2.2



Station	H.Z.	T	Elev.	-
B.M.	102.25	3.35	98.9	
E1			98.60	3.65
E2			98.45	3.80
E3			97.25	5.00
E4			97.90	4.55
T.P.	100.70	3.00	97.70	
E5			97.45	3.25
E6			97.15	3.55
E7			96.70	4.00
E8			96.70	4.00
T.P.	99.80	2.10	96.70	
E9			96.40	3.4
E10			96.40	3.4
E11			96.70	3.1
E12			96.70	3.1
T.P.	100.15	3.45	96.70	
E13			96.65	3.5
E14			96.65	3.5
E15			96.50	3.65
T.P.	100.80	4.30	96.50	
E16			97.00	3.8
E17			96.90	3.9
E18			97.40	3.4
T.P.	101.30	3.9	97.40	
F2			97.60	3.7
T.P.	102.10	4.5	97.60	
F3			98.50	3.6
W.C.M.C. Sec 1+6 -			99.70	2.4

Creek elev. @ F1 = 96.2

Stat E

E.4

E.8

E.12

E.15

E.18

F2.

Top of I.M.



10-5-1934

Rechecked 10/6/1934

T Steadland  
Babb

## TRAVERSE OF BURNS LAKE

From Corner

W.C.  
T 146 N  
R 30 W R 29 W  
S 115 6  
MC  
57

A.P. 1 361<sup>1</sup>/<sub>4</sub> E 600.0'  
" 2 350<sup>1</sup>/<sub>4</sub> E 660.0'  
" 3 510<sup>3</sup>/<sub>4</sub> E 454.0'

From A.P. 3 S 83<sup>1</sup>/<sub>2</sub> W 76' to G.L.O.

1" Brass Cap

6" above Ground

T 146 N 29 W  
MC 56  
57  
1934

From A.P. 3

A.P. 4 35<sup>3</sup>/<sub>4</sub> E 770.0'  
" 5 33<sup>3</sup>/<sub>4</sub> W 720.0'  
" 6 579° W 730.0'  
" 7 N 49<sup>1</sup>/<sub>2</sub> W 740.0'

@ 200 - 200 E to Aspen

" 500 - 250 "

70' N to rice

5270' " Aspen

@ 200 - thence 40' to mixed  
" 10' " Rice.

From A.P. 7 - South 100.0' to MC

B.T.s. - Elm. 30" S 13° E 32.3'  
W. Oak. 6" N 83° W 54.0'

MC  
S 12 34  
R 30 W R 29 W  
T 146 N  
1934

1" Br. Cap - 6"

From A.P. 7

A.P. 8 N 60<sup>1</sup>/<sub>4</sub> W 210'  
" 9 N 81° W 540' Willows - Grass  
" 10 S 83° W 760.0' " " Cat tails.  
" 11 N 75<sup>1</sup>/<sub>2</sub> W 600.0' Grass &  
Scattered willows.  
" 12 N 64<sup>1</sup>/<sub>2</sub> W 1400.0' Willow  
N 27° 30' E 215.0' to Sta. C

51<sup>3</sup>/<sub>4</sub> W

20

60' E to timber. (N) 100' W to rice

S 61<sup>1</sup>/<sub>2</sub> E

10' " " " N 0' " " "

@ 300 - 170' E to Aspen

From A.P. 3 - 170' E. to Aspen

50' to rice

E.

@ 300 - 200 to Aspen, @ 770 - 100' E. to Aspen

@ 500 - 275' " " " 200' W " Rice

@ 720 - 100' NW to rice. S 27<sup>3</sup>/<sub>4</sub> W  
100' N. to rice. } 150' SE to Aspen

Tamarack Sap 150' wide extends South } from it in 250'  
Hardwoods } 5' to tamarack

- Marked - T 146 N R 29 W S 7 MC BT

- T 146 N R 30 W S 12 " "

(N 1° E to W.C.M.L. on N. side lake

70' to Aspen

15' " Rice

100' " Aspen

25' " Rice

@ 300 - " 50' N. } @ 500' Rice 170' N. } @ 700' - Rice 250' N.

" " Aspen 120' S. } " " Aspen 170' S. } " " Aspen 32' S

@ 300 - Rice 340' N. } @ 600' - Rice 200' N. } Meadow

@ 500 - " Aspen 370' S. } " " Aspen 340' S. } " "

" 800 - " 400 S. } @ 1400 - Aspen 210' - 560' W

" " 350 S. } " "



10-6-1934

Steadland  
Babbs  
General X

## BASELINE - From F 2

N18°W 400.0 <sup>578</sup>G Good Meadow

N78½°E 600.0 H

From G.

N74¾°W 600.0 I

N50°W 300.0 J

## LEVELS - From F 2

N18°W -  
B.P. H.I. + ELEV. -  
102.10 4.5 97.60

F. 1 98.20 3.9

2 99.00 3.1

T.P. 102.7 3.7 99.00

G. 99.0 3.7

G.2. N18½°E 98.3 4.4

T.P. 101.8 3.5 98.3

G.4 98.4 3.4

T.P. 101.7 3.5 98.4

G.6 98.0 3.7

From G. - N74¾°W

T.P. 101.8 2.8 99.0

G.3 98.3 3.5

T.P. 102.3 4.0 98.3

I 98.7 3.6

T.P. 102.6 3.9 98.7

J. 98.5 4.1

21

@ 150 ft creek - NESW

@ 150 ft creek at bend  
@ 400.0 Good meadow ends

F. 2

F. 2

Creek elev. 96.0'

G. 2

G. 4

G.

GOOD MEADOW

G. 3

I.



10/9/1934

Steadland  
Banks

22

Levels From	From	on Line	N18°W	
H.I.	+	Elev.	-	
N72E <sub>0+40</sub>	102.9	3.9	99.00	1
1+0			98.4	4.5
572W <sub>1+0</sub>			98.9	4.0
2+0			97.7	5.2
3+0			97.2	5.7
4+0			97.2	5.7
4+0			96.9	6.0
From G. <sup>N18°W</sup> 101.6	2.6		99.0	
<sup>N18°W</sup> G+ 1+0			97.7	3.9
2+0			98.0	3.6
3+0			98.0	3.6
4+0			97.8	3.8
5+0			98.0	3.6
(From G. 3) 102.2	3.9		98.3	
S42E <sub>1+0</sub>			98.1	4.1
2+0			97.9	4.3
3+0			98.0	4.2
S 1+0			99.1	3.1
2+0			98.9	3.3
S45W <sub>1+0</sub>			98.6	3.6
2+0			97.9	4.3
3+0			97.2	5.0
N74 <sup>3</sup> W <sub>0+50</sub>			98.1	4.1
1+0			98.8	3.4
1+50			98.6	3.6
2+0			98.6	3.6
2+50			98.6	3.6

F2 on line N18°W  
@ 75' CL. of creek  
@ 1+50 - Edge timber

Old creek bed -



10-8-1934.

K Steadland  
Babb's

From I.	H.I.	+	ELEV.	-
	102.3	3.6	78.7	
S30W 1+00			97.7	4.6
2+00			96.8	5.5
3+00			96.5	5.8
S75W 1+00			97.9	4.4
2+00			97.2	5.1
3+00			97.4	4.9
N55E 0+50			98.7	3.6
1+00			98.4	3.9
1+50			98.3	4.0
2+00			98.1	4.2
N50W 1+00			98.3	4.0
2+00			98.1	4.2
From J"	102.4	3.9	98.5	
N50W 1+0			98.2	4.2
2+0			98.8	3.6
3+0			99.7	2.7
4+0			101.1	.3
West 1+0			98.2	4.2
2+0			98.8	3.6
3+0			99.4	3.0
4+0			99.5	2.9
S45W 1+0			98.1	4.3
2+0			98.0	4.4
3+0			98.4	4.0

Jensen - Co. Comm.

23

Survey about 1918 or 1919

I"

J.



10-8-34

	H.I.	+	ELEV.	-
From E 11-100.7		4.0	96.7	
N 1/2 E 1+0			96.7	4.0
2+0			96.8	3.9
3+0			96.7	4.0
East 1+0	From 3+0		96.7	4.0
2+0			96.5	4.2
N 1/2 E 1+0			96.8	3.9
2+0			97.0	3.7
North 1+0			97.2	3.5
2+0			97.6	3.1
N 1/2 W 1+0			97.3	3.4
2+0			97.4	3.3
3+0			97.7	3.0
From E 6	101.05	3.9-	97.15	
North 1+0			97.1	4.0
2+0			97.0	4.1
2+50			97.1	4.0
From 2+50			97.2	3.9
North 1+0			97.2	3.9
2+0			97.2	3.9
3+0			98.2	2.9
4+0			100.0	1.0
N 60 W 1+0			97.5	3.6
2+0			97.7	3.4
3+0			98.8	2.3
4+0			99.1	2.0

E 11

E 6

24











10/10/1934

Steedland X  
Babb's  
CulpProfiles of Hot Lines of Crescent  
Beach Plat - Secs. 34 + 35 - 145 - 31 -

N. line #1	1+2	2+3	3+4	4+5
lake - 1300.0	lake 1300.0	1300.0	1300.0	1300.0
Woods - 1303.4	Woods 1303.	1303.7	1304.0	1303.5
"x5 - 1304.0	"x5 1304.4	1304.5	-	-
4 - 1303.4	4 1303.	4 1303.6	4 - 1303.5	1303.7
+50 - 1304.0	+50 - 1304.	+50 1304.4	+50 - 1304.6	+50 - 1304.0
1+0 - 1303.4	1+0 - 1303.5	1+0 1304.4	1+0 - 1303.7	1+0 - 1304.0
1+50 - 1303.6	1+50 - 1304.0	1+50 1304.4	1+70 1304.5	1+50 - 1303.5
1+80 - 1304.4	1+50 1303.0	1+80 1304.5	1+80 - 1307.0	1+75 - 1305.3
2+20 - 1320.5	1+80 - 1303.4	2+75 1320.6	2+20 - 1322.0	2+10 1321.0
2+35 - 1322.5	2+20 - 1317.0	2+60 1319.0	2+40 - 1323.5	2+25 - 1322.0
2+60 - 1323.0	2+40 - 1320.0	2+60 - 1322.5	2+40 - 1326.0	
	2+60 - 1319.0		2+60 - 1326.7	

27

5+6	S. LINE HOT 6
1300.0	1300.0
1303.6	1304.0
4	1303.6
	1304.5
	1303.7
	1304.0
1+0	1304.0
1+6	1305.0
2+10	1326.0
2+20	1327.6
2+60	1328.2
	1+9
	1+50
	1+60
	1+90
	2+10
	2+60
	1303.3
	1306.3
	1309.0
	1324.0
	1325.4
	1326.0







10-12-1934

Steadland &  
Babb's  
Genereux

## Water level Survey

Pike Bay, Moss Lake, Middle Twin,  
South Twin, and Lake 13.

0+00 Point 90 ft. S35°E of water's edge Pike Bay.  
Sand ridge elev approx 3' between  
Bay and Meadow to South.

S 43° W 500' 5+00 Along South edge of ridge

S 48° W 500' 10+00 " " " "

S 50° W 500' 15+00 " " " "

S 63° W 500' 20+00 " " " "

S 62 1/2° W 500' 25+00 " " " "

N 82 1/4° W 374' 28+74 Intersect Picket on N 80° E  
sect. 35, T4s R31. Picket marked "John S."  
From picket run North 244' to water's  
edge Pike Bay. Over Scrub Oak Ridge -  
Elev. 3' ± above Pike Bay.

From Stat 28+74 triangulate across  
Pond - S 13° 45' W -

~~42+99.5~~ 42+99.5 A on S. side pond.

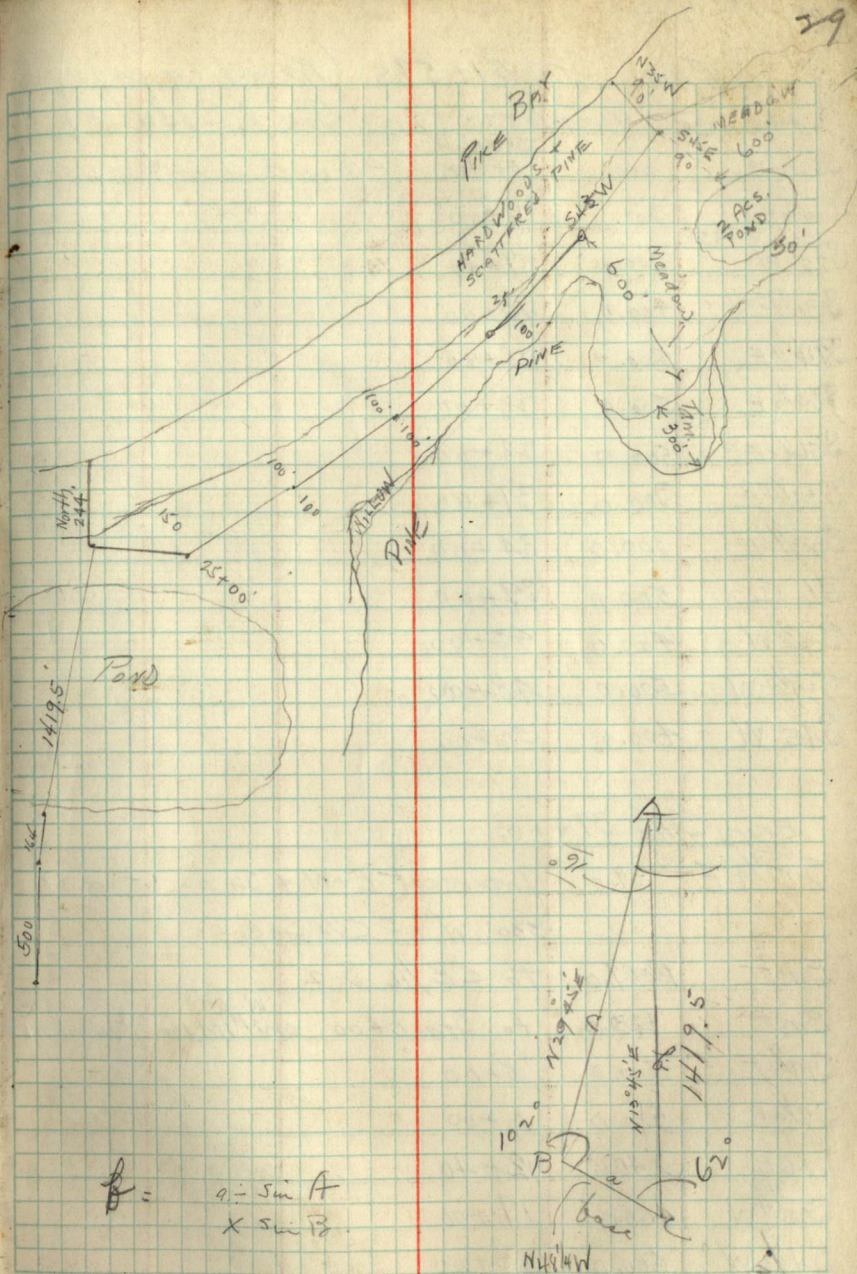
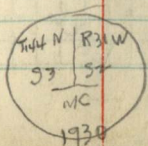
S 12° 30' W 1000' 44+57.5 Thru Tamarack Swamp.

S 5° 15' W 500' 49+57.5 " " "

S 4° 30' W 700' 51+57.5 @ 50+90 x Pike Bay Loop TR, TR

From Sta 51+57.5 run N 76° W 190' to

G.H.D. corner



00+0

1934



10-12-1934

From Sta 51+57.5 (Preceding page)  
thence traverse in Sec. 2. - 144-31

		Station	
S5 1/2° E	300.0	3+00	Along E. shore Moss Lake
S14 1/4° E	300.0	6+00	"
<sup>Oct. 16-1934</sup> S22° W	300.0	9+00	"
S30° E	400.0	13+00	"
S74 1/4° E	500.0	18+00	"
S68 1/2° E	500.0	23+00	
S56 1/2° E	500.0	28+00	
S35 1/4° E	300.0	31+00	
S23 1/4° E	300.0	34+00	
S6° E	500.0	39+00	
S19 1/4° W	400.0	43+00	
S39 3/4° W	500.0	48+00	
S45° W	400.0	52+00	

From Sta 39+00

S17 1/4° E	69.0	Intersect E+W of Sec. 2 - at point 330' W. of C 1/4 Sec. 2.
East	1357.0	to CE 1/16 S. 2
East	113.0	to Sta. 0+00 on <sup>W. shore</sup> Middle twin lake
S17 1/4° E	500.0	5+00
S7 1/4° E	500.0	10+00
S26° E	240.0	12+40
S25 3/4° W	460.0	17+00
S4 1/2° W	600.0	23+00

30

MOSS LAKE

MIDDLE TWIN LAKE



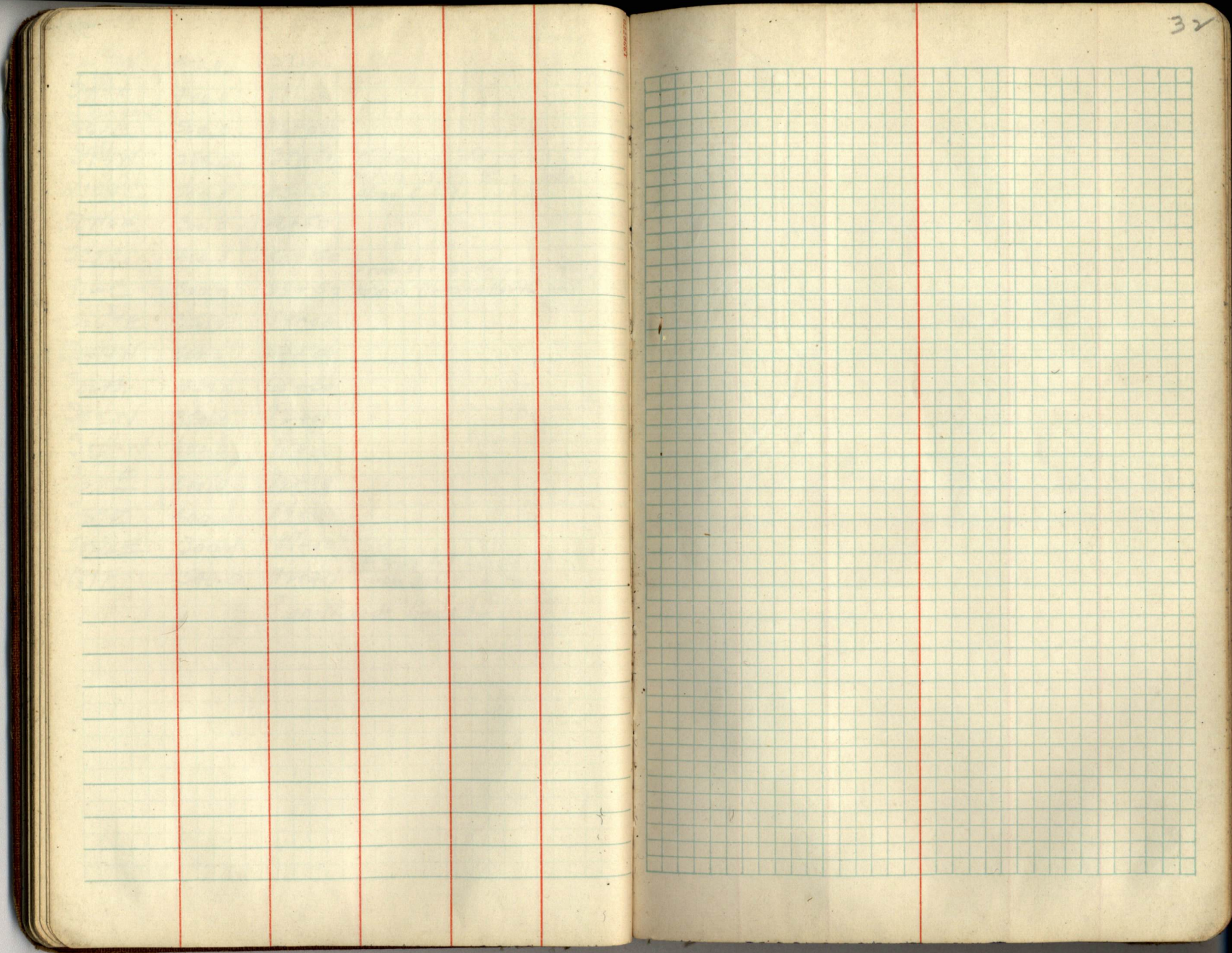
10/16/1934

Steakland  
Cobb  
Genereux

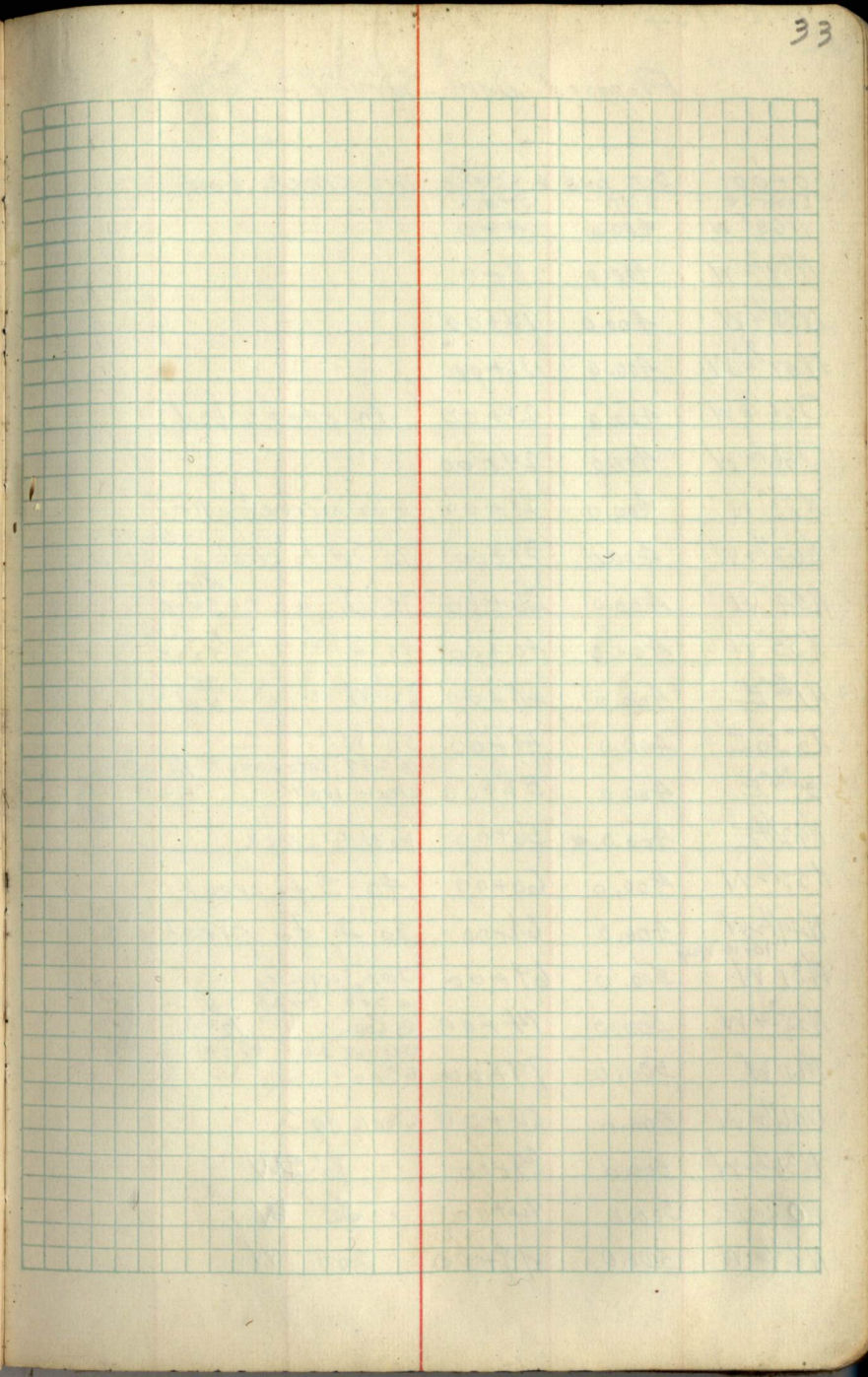
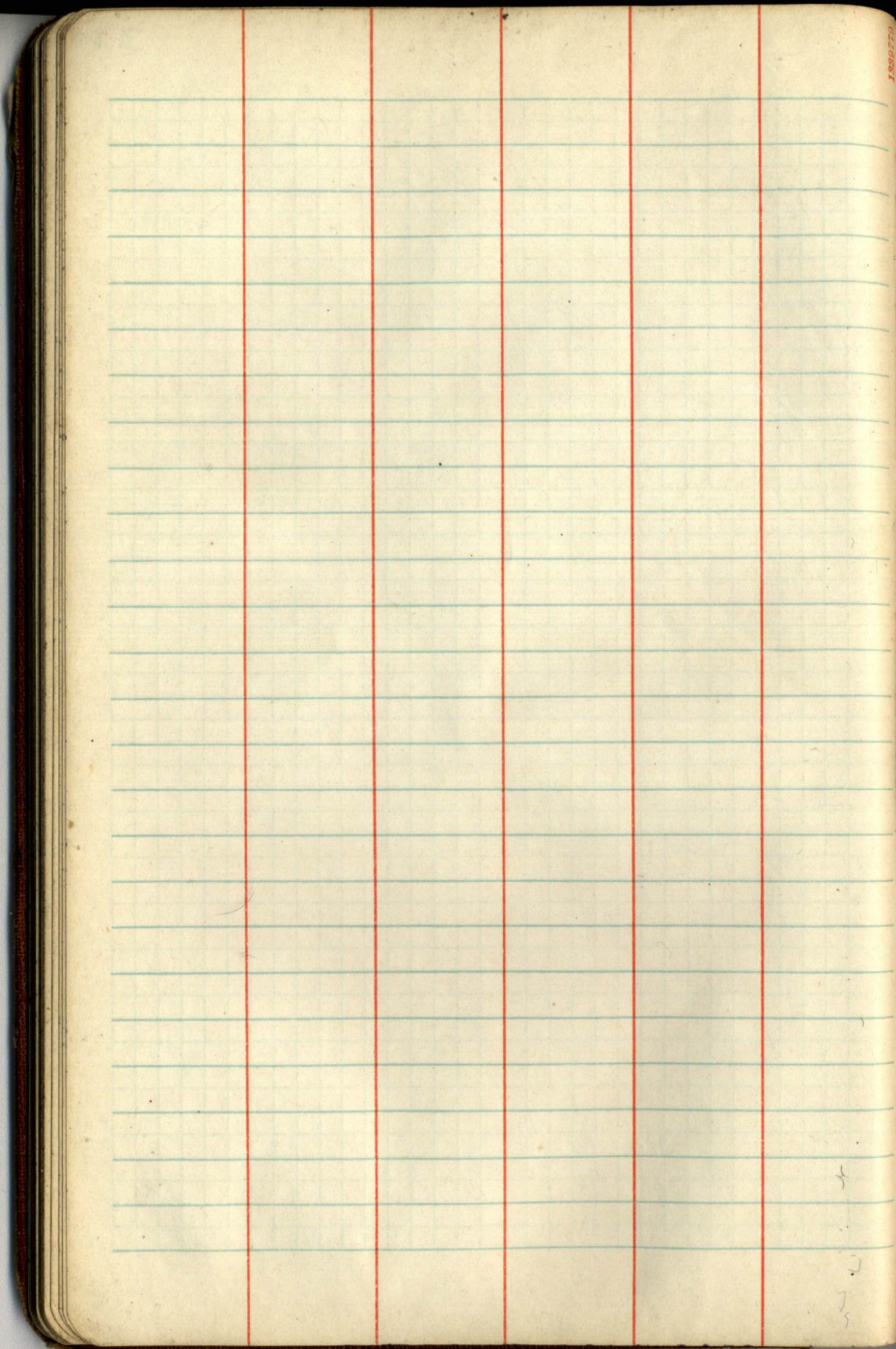
520 <sup>3/4</sup> W	400.0	27+00	
57 <sup>3/4</sup> E	400.0	31+00	
10-17-1934 561E	500.0	36+00	
59 <sup>3/4</sup> W	250.0	38+50	Following old creek bed to South Twin Lake Along E. Side Lake
N85 <sup>1/4</sup> E	500.0	43+50	
567 <sup>1/2</sup> E	300.0	46+50	
532E	400.0	50+50	
514E	500.0	55+50	From 55+50 to the G.L.O. MC. between 11+12 brs. N43 <sup>1/4</sup> E 64.5
526 <sup>3/4</sup> E	350.0	59+00	
514 <sup>1/4</sup> W	500.0	64+00	
South	450.0	68+50	
552W	350.0	72+00	
587 <sup>1/2</sup> W	600.0	78+00	
523E	200.0	80+00	
569E	400.0	84+00	
532 <sup>1/4</sup> E	300.0	87+00	
N87E	540.0	92+40	@ 323' Int. line 11+12 206' N of # 14 511 on W. side lake 13

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10-15-1934

## Proposed Dam Survey - "Raven's Point"

Course	Dist	Sta	
0+00			Set hub + stake in creek bed.
N65° W	400.0	4+0	
N59½ W	400.0	8+0	
N58¼ W	400.0	12+00	
N51½ W	400.0	16+00	
S66¼ W	400.0	20+00	in creek bed.
S66¼ W	400.0	24+00	
N83° W	400.0	28+00	@ 80' x creek - N+S
N62½ W	400.0	32+00	70' SW to creek - <sup>South</sup> +NW
N54° W	400.0	36+00	75' S " " <sup>N60W</sup> <sub>540E</sub>
N35° W	400.0	40+00	40' S " " <sup>N50W</sup> <sub>520E</sub>
N1¼ E	400.0	44+00	25' W " " <sup>SE-1</sup> <sub>NW-5</sub>
N0° 30' E	400.0	48+00	50' W " "
N25¾ E	400.0	52+00	@ 289' intersect ¼ Secs creek-100' W. 13+18-
N42¼ E	400.0	56+00	100' W to creek
N33½ W	400.0	60+00	40' S to creek
N49½ W	400.0	64+00	30' S to creek - <sup>SW</sup> <sub>SE</sub>
N31 W	500.0	69+00	200' S+S W to " "
N35¾ W	500.0	74+00	@ 200' creek 30' S. @ 500' " 70' S.
N61 W	500.0	79+00	@ 600' W 200' to creek @ 300' - creek 300' S.
N46½ W	500.0	84+00	Creek 80' S.
N36½ W	500.0	89+00	" 80' SW
N0° 45' E	500.0	94+00	" 50' W
N6¾ W	500.0	99+00	" 200' W

USEBM.

H01

1/4  
S13 S18  
1934



N9<sup>3</sup>/<sub>4</sub>W 500.0 104+00 220' W. to creek  
 @ 350' creek 60' W. - (Blocked)  
 N1<sup>1</sup>/<sub>2</sub>W 400.0 108+00 @ 400 - " 70' N. -  
 at Sta 108+00. Point of highland E. 100' (NW 200' to Highland)  
 N39<sup>3</sup>/<sub>4</sub>E 500.0 113+00 60' W. to creek  
 200' E. to highland (Aspen)  
 70' S. to creek  
 225' E. to highland  
 N72<sup>3</sup>/<sub>4</sub>W 500.0 124+00 30' S. to creek  
 N70' W 500.0 129+00 25' S. " "  
 N40 W 500.0 134+00 100' S. " "  
 N5<sup>1</sup>/<sub>2</sub>W 500.0 139+00 170' S. " "  
 N50 W 500.0 144+00 160' SW. to Lake  
 N43<sup>1</sup>/<sub>2</sub>W 400.0 148+00 160' " to " set by G.W.  
 N23<sup>3</sup>/<sub>4</sub>W 613.0 to Stake marked Temp. N.C. Sec. 1 & 12



10/22/1934

Steadland &  
Penkert - Rd

## LEVELS ON BASE LINE - ROVENS POINT PROJECT

Station	H.I.	+	Elev.	-	
P.M.	1311.74	3.54	1308.20		
T.R.	1302.00	0.55	1301.45	10.29	
0+00	1299.96	6.80	1293.16	8.84	
4+00	1299.19	5.80	1293.39	6.57	
8+00	1300.04	5.18	1294.86	4.33	
12+00	1300.59	6.04	1294.55	5.49	
16+00	1299.76	3.62	1296.14	4.45	
20+00	1299.57	7.06	1292.51	7.25	
24+00	1299.55	4.82	1294.73	4.84	
28+00	1299.21	4.67	1294.54	5.01	
32+00	1299.35	4.56	1294.79	4.42	✓
36+00	1299.08	4.33	1294.75	4.60	✓
40+00	1299.14	4.71	1294.43	4.65	✓
44+00	1299.37	4.65	1294.72	4.42	✓
48+00	1299.62	4.54	1295.08	4.29	✓
52+00	1299.81	4.60	1295.21	4.41	✓
56+00	<del>1299.73</del> 1298.73	3.88	<del>1294.85</del> 1295.85	4.96	ERROR → 3.96 ok.
60+00	<del>1299.89</del> 1298.89	4.77	<del>1295.12</del> 1294.12	4.61	
64+00	<del>1300.29</del> 1299.29	5.17	<del>1295.12</del> 1294.12	4.77	
69+00	<del>1300.31</del> 1299.31	3.97	<del>1296.34</del> 1295.34	3.95	
74+00	<del>1300.27</del> 1299.27	4.12	<del>1296.15</del> 1295.15	4.16	
79+00	<del>1301.80</del> 1300.80	4.13	<del>1297.67</del> 1296.67	2.60	
84+00	<del>1300.30</del> 1299.30	3.34	<del>1297.96</del> 1296.96	4.84	
89+00	<del>1300.92</del> 1299.92	4.85	<del>1297.07</del> 1296.07	4.23	

36

#461 - U.S.F.P.M

Check 1293.18

1292.94 water level in creek

1296.05 - Top of the cor. sec. 18+18

1293.54 Water level



10/26/1934

Sta.	I <sup>+</sup>	H.I.	T.P.	Elev.
94+00	4.72	1300.33	5.31	1295.61
99+00	4.41	1301.22	5.52	1296.81
104+00	3.90	1301.77	3.35	1297.87
108+00	4.52	1301.07	5.22	1296.55
113+00	4.41	1302.02	3.46	1297.61
119+00	3.12	1301.38	3.76	1298.26
124+00	5.05	1301.82	4.61	1296.77
129+00	5.36	1300.80	6.38	1295.44
134+00	5.44	1301.22	5.02	1295.78
139+00			5.63	1295.59

Creek elev. 1294.52

Water Level - 1295.12

Water Level of Lake = 1295.12 ✓

@ 300' N. of Sta 109+00 - Elev. = 1298.6



10-23-1934

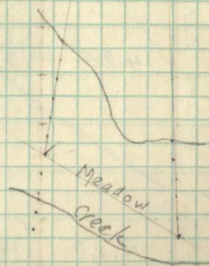
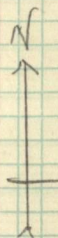
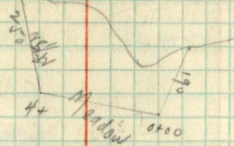
(Stadia Measurement) Steadland &amp; Penkart

## CROSS SECTIONS - RAVENS POINT PROJECT

Sta	+	HI	-	TP	Elev.
0+00 B.M. N28 1/2 E	8.95	1302.11			1293.16
0+45			6.30		1295.81
0+95			5.00		1297.11
1+40			2.56		1297.55
1+90 S28 1/2 W			1.45		1300.66
0+50			6.30		1295.81
1+10			6.04		1296.07
<hr/>					
4+00 B.M. N5 1/2 W	7.55	1300.94			1293.39
0+50			6.10		1294.84
1+00			4.95		1295.99
1+50			3.15		1297.79
2+00			2.85		1298.09
2+50 S5 1/2 E			1.02		1299.92
0+50			7.57		1293.37
1+50			7.45		1293.49
2+00			4.88		1296.06
2+50			3.02		1297.92
<hr/>					
8+00 B.M. N10 E	4.57	1299.43			1294.86
0+50			4.91		1294.52
1+00			4.90		1294.53
1+50			4.35		1295.08
2+00			3.47		1295.96
2+50			2.20		1297.23
3+00			1.20		1298.23

38

Hardwoods



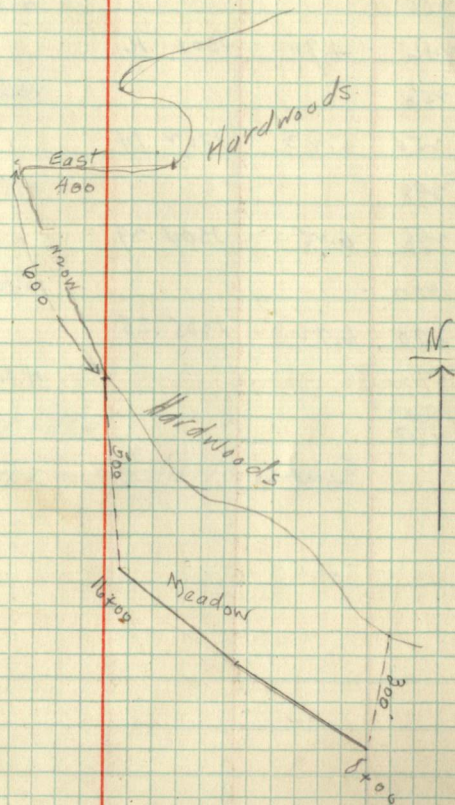


10/12/1934

## (Stadia Measurement)

Sta.		H. I.	-	T.P.	Elev.
5+00 from 8+00 0+50		1299.43	4.96		1294.47
1+00			5.32		1294.11
1+10			6.25		1293.18
1+50			5.25		1294.18
16+00	4.60	1300.74			1296.14
15 1/2 W 1+00			5.00		1295.74
2+00			4.45		1296.29
3+00			4.80		1295.94
4+00			4.68		1296.06
4+50			3.20		1297.54
5+00			0.65		1300.09
24+00	4.62	1299.35			1294.73
S 32 E 2+00			4.50		1294.85
4+25	4.57	1299.60	4.32	4.32	1295.03
6+25			4.40		1295.20
8+25			4.40		1295.20
10+25	4.85	1300.30		4.15	1295.45
12+25			4.60		1295.70
14+25			4.30		1296.00
15+25			2.80		1297.50
16+25	9.08	1305.03		4.35	1295.95
16+50			8.28		1296.75
16+75			7.10		1297.93
17+00			4.60		1300.43
17+25			6.70		1298.33

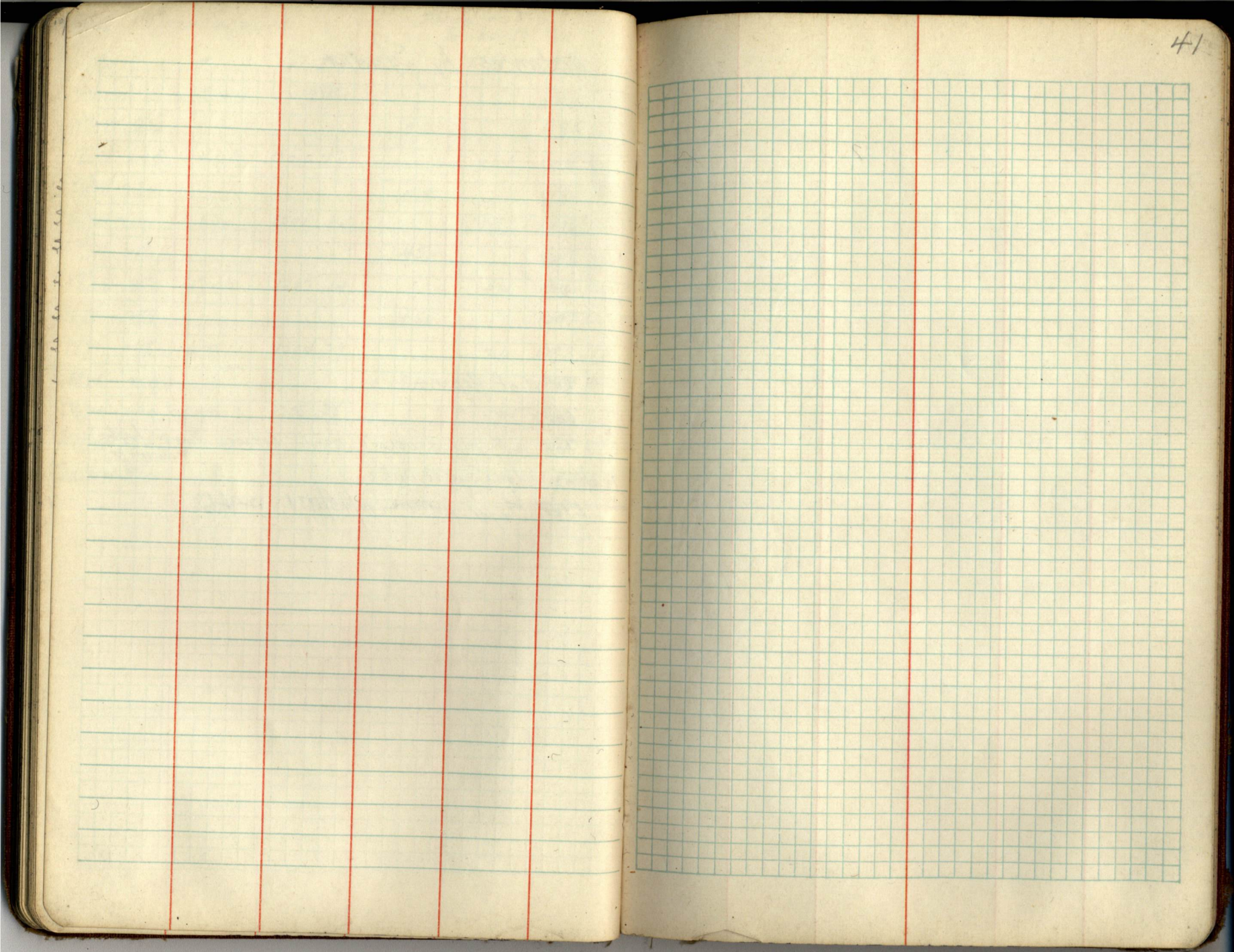
Bottom of creek bed.





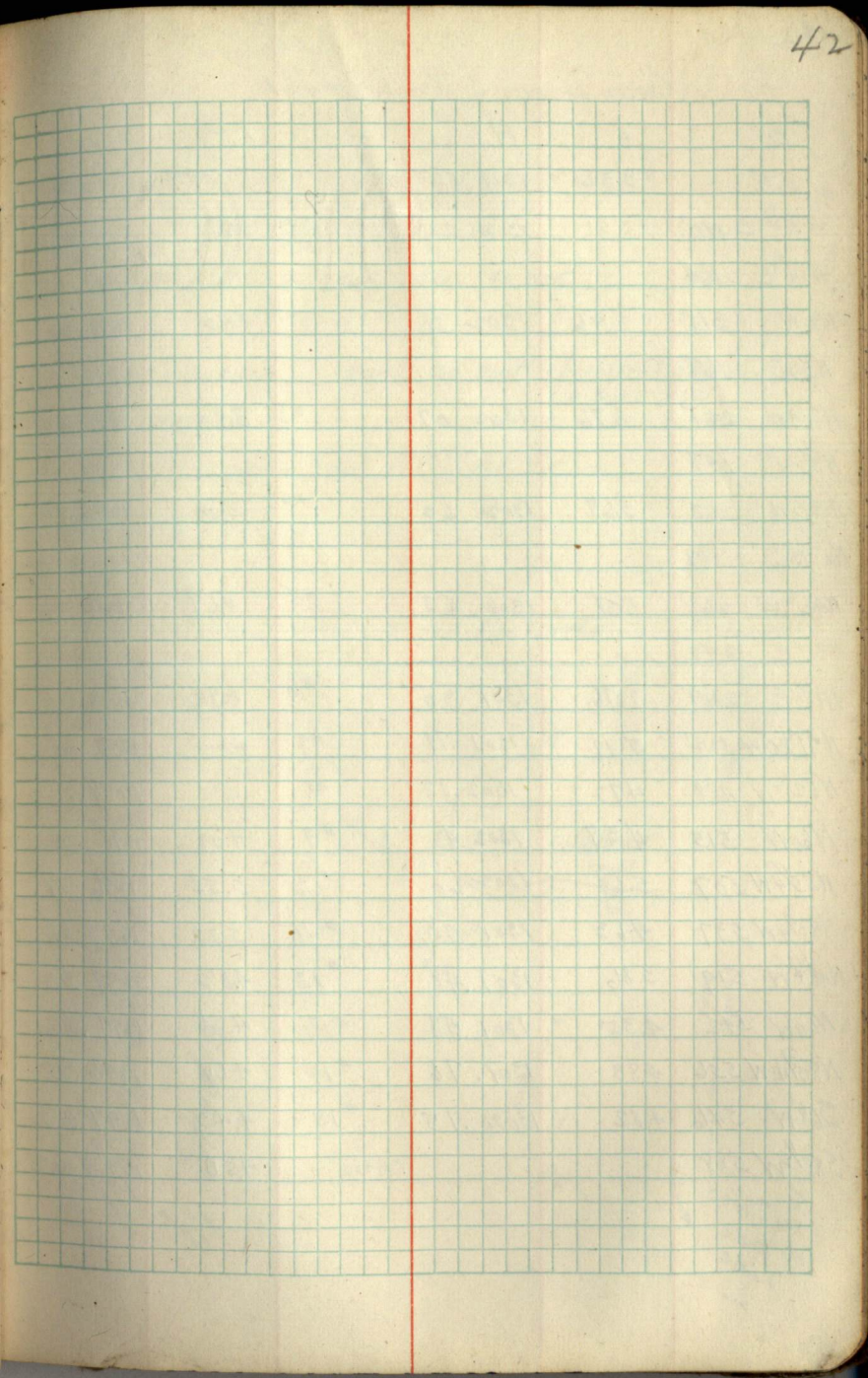
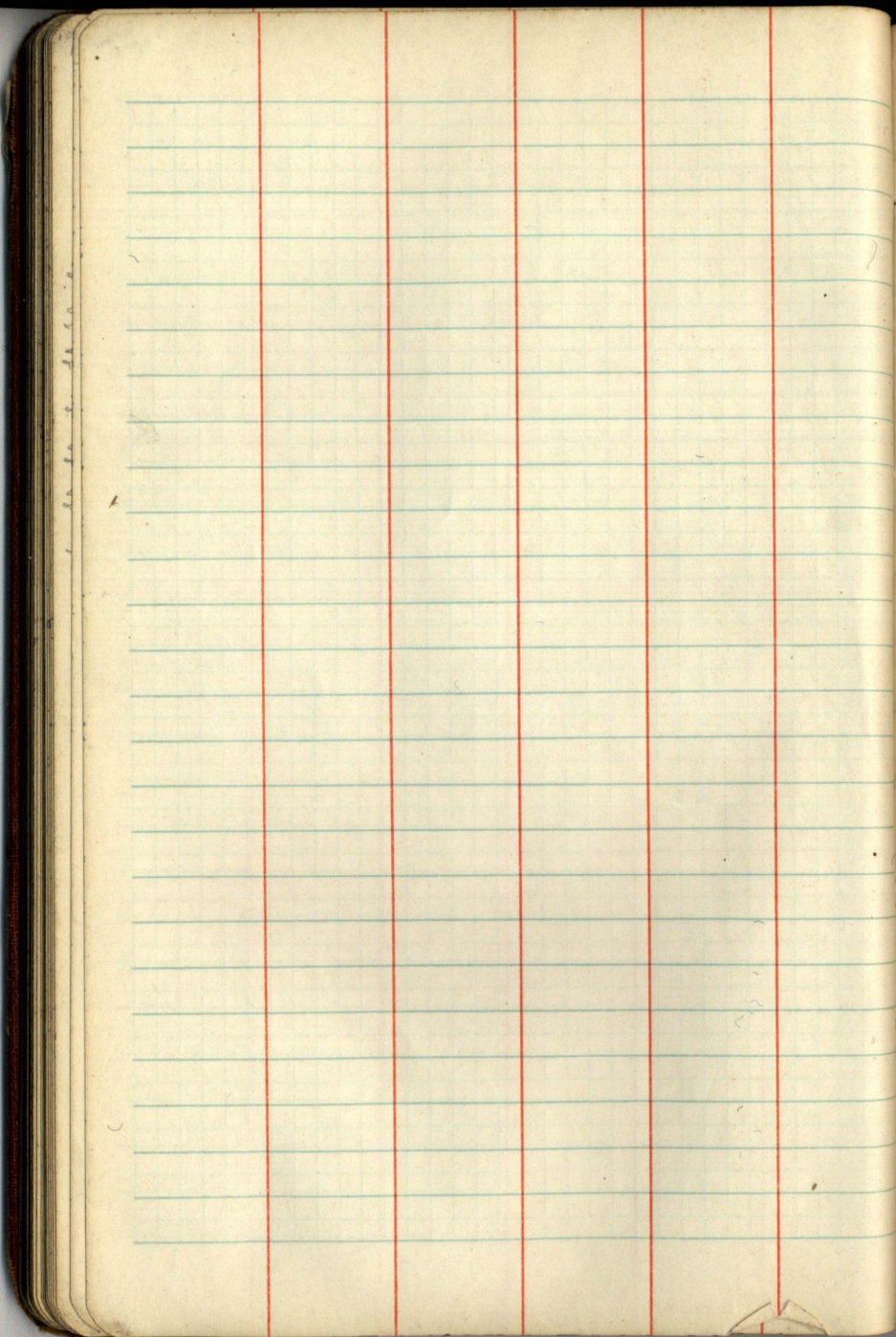






41







10/23/1934

Steadland  
Penkert

CHECK LEVELS - From B.M. #461

Sta.	+ HI	-	TP	ELEV.
B.M.	3.36	1311.56		1308.20
N71 <sup>3</sup> / <sub>4</sub> E 110'	3.51	1304.20	#1 1087	1300.69
N64 <sup>1</sup> / <sub>2</sub> E 164'				
N2W 311'	3.96	1302.21	#2 5.95	1298.25
N5 <sup>1</sup> / <sub>2</sub> E 169'				
N7 <sup>1</sup> / <sub>4</sub> W 261'	3.76	1302.07	#3 3.90	1298.31
N3 <sup>1</sup> / <sub>2</sub> W 197'				
N3 <sup>1</sup> / <sub>2</sub> W 262'	5.69	1302.62	#4 5.14	1296.93
N0 <sup>4</sup> / <sub>5</sub> E 191'				
N42 <sup>1</sup> / <sub>2</sub> W 265'	5.58	1303.53	#5 4.67	1297.95
N9 <sup>1</sup> / <sub>2</sub> E 242'				
N1 <sup>3</sup> / <sub>4</sub> E 269'	2.76	1301.30	#6 4.99	1298.54
N71 <sup>3</sup> / <sub>4</sub> W 522'	5.11	1301.79	#7 4.62	1296.68
N62 <sup>1</sup> / <sub>2</sub> W 488'	4.72	1302.13	#8 4.38	1297.41
N60W 515'	4.39	1302.43	check #9 4.09	1298.04
N55 <sup>1</sup> / <sub>4</sub> W 507'	5.69	1302.60	#10 5.52	1296.91
N43 <sup>1</sup> / <sub>4</sub> W 537'	4.63	1301.95	#11 5.28	1297.32
N42 <sup>1</sup> / <sub>2</sub> W 519'	3.86	1301.48	#12 4.33	1297.62
N60W 542'	4.35	1301.57	#13 4.26	1297.22
N80 <sup>3</sup> / <sub>4</sub> W 556'	4.83	1301.76	#14 4.64	1296.93
S68 <sup>1</sup> / <sub>2</sub> W 546'	4.82	1302.15	#15 4.43	1297.33
S88 <sup>1</sup> / <sub>2</sub> W 588'			79+00 4.50	1297.65

To 99+00  
Sta. on base  
line

62.2  
38.8  
27.4

60.0  
30.0  
20.0  
5.0  
5.0  
5.0

57.7  
21.2  
21.5  
27.1  
53.6

51.7  
37.0  
26.0  
25.6

55.8  
29.9  
26.4  
21.2  
5.3

43

#461 U.S.E. B.M.

@ A0' Edge bank, 7' elev.

to transit - No elev. read - bank 40' West.

To transit - No elev. - bank 160' West - highland elev dropping  
(willow brush) + Bears NW

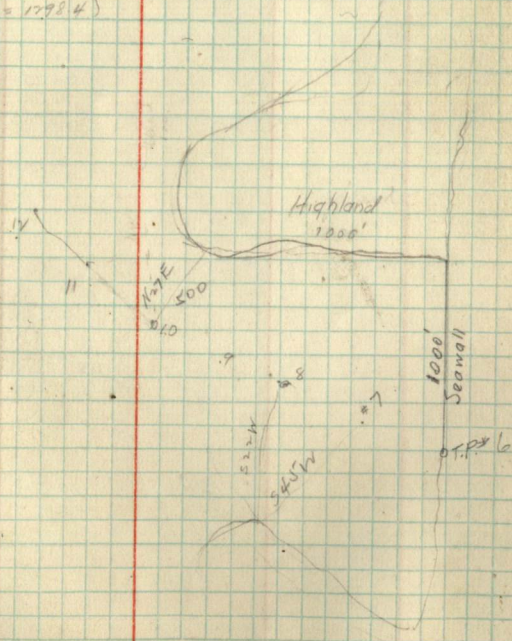
To transit - No elev. - on old lake bottom  
(willow brush)

To transit

(Willow brush)

@ 50' Elev. = 1298.0 @ 100' Elev. = 1299.5 - Top of seawall  
To transit - @ 190' = 1298.4

(Willow brush)



Distances  
by Stadia



10/25/1934

Stadia MeasurementStadler &  
Fentert

Traverse &amp; levels on Creek (Sta on road) to Lake Winnie,

Sta.	+	H.I.	-	T.P.	Elev.
B.M.	6.37	1299.53			1293.16
N9 $\frac{1}{2}$ E 248					
N12 $\frac{1}{2}$ W 271	5.44	1299.20		5.77	1293.76
N70 $\frac{1}{4}$ E 209					
S19 $\frac{1}{2}$ E 260	4.06	1297.29		5.97	1293.23
S58 $\frac{1}{4}$ E 230					
S10E 200				6.34	1290.95

cross on base line

Water's edge Lake Winnie

Water Level - 1290.95



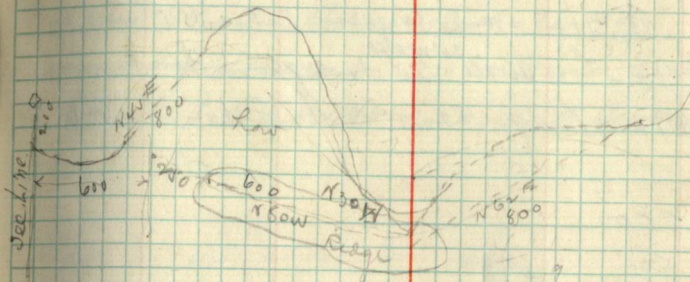
10/29/1924 From T.P.# 12 on check level line

Sta.	+	H.I.	-	T.P.	Elev.
TR#12	4.22	1301.84			1297.62
N 1/2 E 400.0	4.26	1301.55		4.55	1297.29
N 8/16 E 212			4.20		1297.35
N 8/16 E 213	4.51	1302.15		3.91	1297.64
N 1/4 E 255			4.20		1297.95
" 272	4.44	1301.85		4.74	1297.41
" 263			4.30		1297.55
" 257	4.62	1302.42		4.05	1297.80
" 252			4.40		1298.02
" 255	5.30	1305.09		4.63	1297.79
" 245			4.60		1298.49
" 255				2.77	1300.32
2050					

C.M. Taylor

45

From T.P. 2 Island of L. near P.M. N 70 E 300 to center





10/31/1934

Steadland  
Penkert

Pos = WAKE

- 1+50 4' to 5' bank - Norway Pine  
 4+50 3-4 " " "  
 21+50 to 24+00 Low back of bank -  
 24+ to 31+ 4' bank. Norway Pine + some J.P.  
 @ 31+ bank 6' above lake. N.P. -  
 42+ to 44+ - Low <sup>30' wide</sup> - 50' back from bank.  
 44+ to 49+ - Ridge 40' wide along lake - Swillette

From 52+00

- S56W 500' 57+  
 S71W 500' 62+  
 West 560 to N.C. Secs. 2+3.

From M.C.

- N37W 450' @ 100' N.P. - 5' bank.  
 N45W 550' Saturated pine. Not very dense  
 N19W 300' N.P. - good site - Elev. 6-12  
 N4W 700' N.P. + <sup>NP</sup>Sage - Elev. 12-18'  
 N3 1/2 W 900' at 800' good brush out.  
 N62W 80'  
 N5E 500'  
 N2 3/4 E 600' @ 300' J.P. ends. Some oak  
 N46E 260' Low - extends back 200' ft.  
 N16W 250' Elev. 4 ft - Aspen Sage - scrub oak +  
 N65E 480' to MC Secs 2+3 - N. side moss lake

46

- Cat tail shore out 50' Aspen + scrub oak  
 60' back from bank.  
 Aspen Sage - extends back 150' ±  
 Choice home site if water up 30"  
 Land rises to East. Average elev. = 6-9 ft.  
 Covered aspen Sage  
 to 60' wide track - at 49+ connects to gravel drainage

Ridge 100' wide between lake + drainage

62+ beginning of N.P. Elev. 6-9 ft

N.S. line crosses thru bar - c. 100' to E side - 120' to 140' - 200' to S.

Good site. Elev. 6-10'

Very good home site from 150' N - Beach good - Pictorial  
 N.P. ends. J.P. starts. Elev. 7-10.

Scattered J.P.

N.P. Beach fair. Rice Bay Log Road too close



10/3/1934

Steadland - 7  
Penkert -MIDDLE TWIN LAKE

0+00 on N side lake + E. + W. L.

20+30+ N.P. - some J.P., oak + Birch. Shore sandy

30+ Low. no value

From 0+00 -

N57E 510' A.P. @ 300 good 40' sand beach. Aspen strip.

N15W 260 '2 - @ 100' Aspen mts. Birch + some oak - N.P.

Navek 200 #3 Birch 50' strip - Norway in back.

N34E 160' #4 J.P.

N52 1/2 W 400' #5 Fair beach - 40' sand - 4' bank -

N34W 400' @ 65 - N 1/2 line 5' "

N5 1/2 E 400' Beach grass + weeds - Birch + some

N42 1/2 E 600'

N43 1/2 E 400'

N75 1/2 E 400'

N15E 300'

N52 1/2 E 168. to picket on Sec. Line

From MC 52 1/2

N18 1/2 E 450' - @ 200' N.P. - 5-10' E 60'.

From this point. with all good bank

+ timber. Lake low

47

for 40'. 3' bank - deepest part lake

along shore. 50' deep N.P. in back. from A.P. 1 about 200' to E. shore

land good beach

Birds - scattered N.P.

" " " + W.P.

oak with scattered N.P.



11/1/1934

NORTH TWIN LAKE

From 1/4 Sec. 36 - T14S-R31

East 200.0

North 75' To meander line lake

N78E 300' Aspen Saps. 200' back from lake

N49E 385' @ 1 mi. N.P. 60' back. Scattered

North 700' @ 500' " dense. - 6' bank -

N34 1/2 W 530' @ 300' Bank drops to 3'

From this point north + west the  
for homestead or camp ground.

48

If high water OK for home site.

OK to 300' for homestead - if water raised 3'

Lake is practically dry + is swampy. Unsuitable



Nov. 1. 1934

Steadland  
Pankert

## LAKE 13

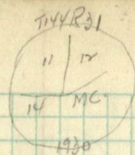
From G.L.O. M.C. between 11+12, on Lake 13.

## Traverse Lake 13

South	60.0'	A.P.	
N45 <sup>3</sup> / <sub>4</sub> E	700'	#2	Aspen - Lowland
N13 <sup>1</sup> / <sub>2</sub> E	300'	#3	
N30W	500'	#4	@ 300 Scatter Pine - Aspen, scrub oak
N3 <sup>1</sup> / <sub>4</sub> W	700'	#5	" "
N49E	800'	#6	@ 600 - Much in back of ridge
N75E	755'		Intersect to W of Sec. 12
S88 <sup>1</sup> / <sub>2</sub> E	1021'		to C <sup>1</sup> / <sub>4</sub> Sec. 12. @ 100 and much from 250' - the bank

From C<sup>1</sup>/<sub>4</sub> Sec. 12

S88 <sup>1</sup> / <sub>2</sub> E	100'	A.P.	low high bank of Spruce to N.E.
N77 <sup>1</sup> / <sub>4</sub> E	450'	#2	
S68 <sup>1</sup> / <sub>4</sub> E	400'	#3	
S47 <sup>1</sup> / <sub>2</sub> E	300'	#4	
S18E	400'	#5	
S24 <sup>1</sup> / <sub>2</sub> W	540'	#6	
S30 <sup>1</sup> / <sub>2</sub> E	990'	#7	@ 150 Beginning of 1 <sup>st</sup> Site. Bank
S5E	700'	#8	→ M.C. 12+13 to N70E 27' ft.
S6 <sup>1</sup> / <sub>4</sub> W	490'	#9	
S26W	400'	#10	
S32W	600'	#11	
S24W	300'	#12	
S1W	300'	#13	
S19 <sup>1</sup> / <sub>2</sub> E	190'	#14	low aspen



49

+ thick

in 4-7' high Large rowing. very suitable

→ Ridge of Pine + M. Hardwoods between Lake &amp; Spruce

5-15' high - N.P. - Reach good  
average 10"

Aspen + Pine Strip about 60' wide along shore - ok in back



S1 E 300 - #15

S29 W 700 - #16 G.L.O. SMC.  $\frac{13}{13}$  br. S85<sup>14</sup> E 40 ft

S29 W 450 #17 @ 100' bank 3' high - at 400' end

S54<sup>12</sup> W 500 #18

S71<sup>12</sup> W 900 - #19

From G.L.O. MC. between Secs. 11 + 12 144-31-

Traverse West side Lake 13.

South 60' - A.P.1

S28<sup>12</sup> W 170 - Willow Swamp back of 15' wide strip

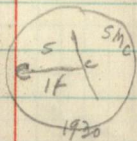
S7 E 250 - #3 " emb @ 60' -

S42 W 980 - #4

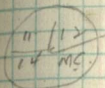
S12 W 500 - #5

S12 E 900 - #6

S33 E 27 - to G.L.O.



if good site - Spruce Swamp begins  
Spruce



if 10' scattered pine  
at + " "

#5 - is N. end of Lake 13 Camp Ground



11/10/24.

## SQUAW POINT CAMP GROUND

Approx. 3000 sq' cleared.

Oak + Birch - 4" Ave. Diam.

1. Pump - steps down 4' bank should be fixed, and base made for pump.

Drain for surplus pump water.

FIREPLACE - Stack too low. - Front opening too large.

Trees should be pruned with saw.

BEACH. Stumps + refuse should be cleaned up.

This campground will not receive much use.

51

## LAKE 13 CAMP GROUND.

Fireplace - not a very good job. Should be rebuilt.

Pump - O.K.

BEACH - Mud - No good for bathing.

TOILETS - O.K.

This campground cannot be classed as #1. Will receive a limited use from picnickers. Not desirable for camping.



### OJIBWAY CAMP GROUND

### KNOTSON DAM CAMP GROUND.

This will be used for picnics.  
A fire place should be built  
Other conveniences O.K.

### NORWAY BEACH CAMP GROUNDS

Most popular on Chippewa. Located  
in most suitable location.

Should be made the most presentable,  
and kept that way.

Reuse construction of at least  
one new double fire place, and also  
"Cull Log" or log arrangement around the  
camp fire. Firewood should be  
provided for fireplaces.



## STONEY POINT CAMP GROUNDS.

Service roads thru Camp Ground should be smoothed.

The willows + aspen saplings cut in 1934 should be cut again. The end of point should be filled, trees planted + path made.

Swimming beach + boat landing on East side enlarged.

Area for 900' west of camp ground should be opened up so as to permit more air thru, to eliminate insects.

## WALKER BAY CAMP GROUNDS

The steep bank on Walker Bay should be sloped, trees planted and some sod laid to stop erosion.

Planting of Norway and White Pine along edge of bank needed in spots.



Nov. 26-34

Steadland

## SUCKER POND

From M.C. <sup>526</sup>/<sub>325</sub> - T14 R30 TRAVERSE shore

Lot 4 + Lot 3 - S. 26.

S52E #1	19.0'	to Waters edge.
N44 1/2 E RPV	357.0'	Bank 15'
N21 1/4 E ?	135.0	10-15'
N42E	200.0	10-15'
N22 1/2 E	475.0	@ 700 12'
N7 1/2 E 6	500.0	@ 475 - 15'
N9 E 7	600.0	@ 350 Rocky shoreline At AP 6 - all within Camp Ground
N12 1/4 E 8	287.0	@ 100' Willow along edge ditch - Rocky @ AP 7 - 175' to Timber.
N3 1/4 W 9	436.0	@ A.P. 9 - end of willows
N5 E	230	Beginning of Sw.

54

T14 W

S 526 / MC

832 F

R 30 W

1930

25' back to edge 10' bank - Hardwoods - Rocky Bank

Bank on steady decrease to 6'. } From AP 6 - Point  
+ come down

Bank 6'

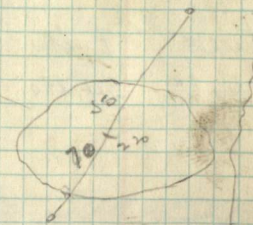
From A.P. 6 -

West 100 - along old road

S40W 300 @ 270 Clearing

S45W 300

S66W 340 to T. 1. - N53 1/2 W





Geo. ANDERSON  
 R. Peterson  
 Ogden  
 ANDREWSKI

570 / MC  
 535

B.T.

Elm 6" 63 1/2 ks 57 1/2 W  
 " 10" 71 - 1/2 ks 26 3/4 W

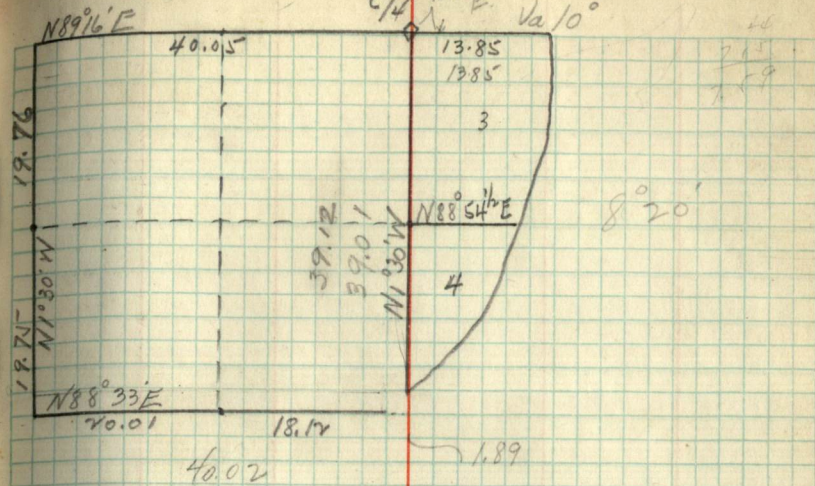
W. C. T. H. H. R. S. O. W. S. S. B. T.  
 " " " S. 2. 6. B. T.

0/4 S 26  
 1930

Brick 5" 7 lks. S 3 1/2 W  
 Cedar 6" 34 lks. N 60 1/2 E

C S / C M C  
 26 / 5

S. 26, T. 144, R. 30 55



Var. 8 45'

Var. 7.15 due N

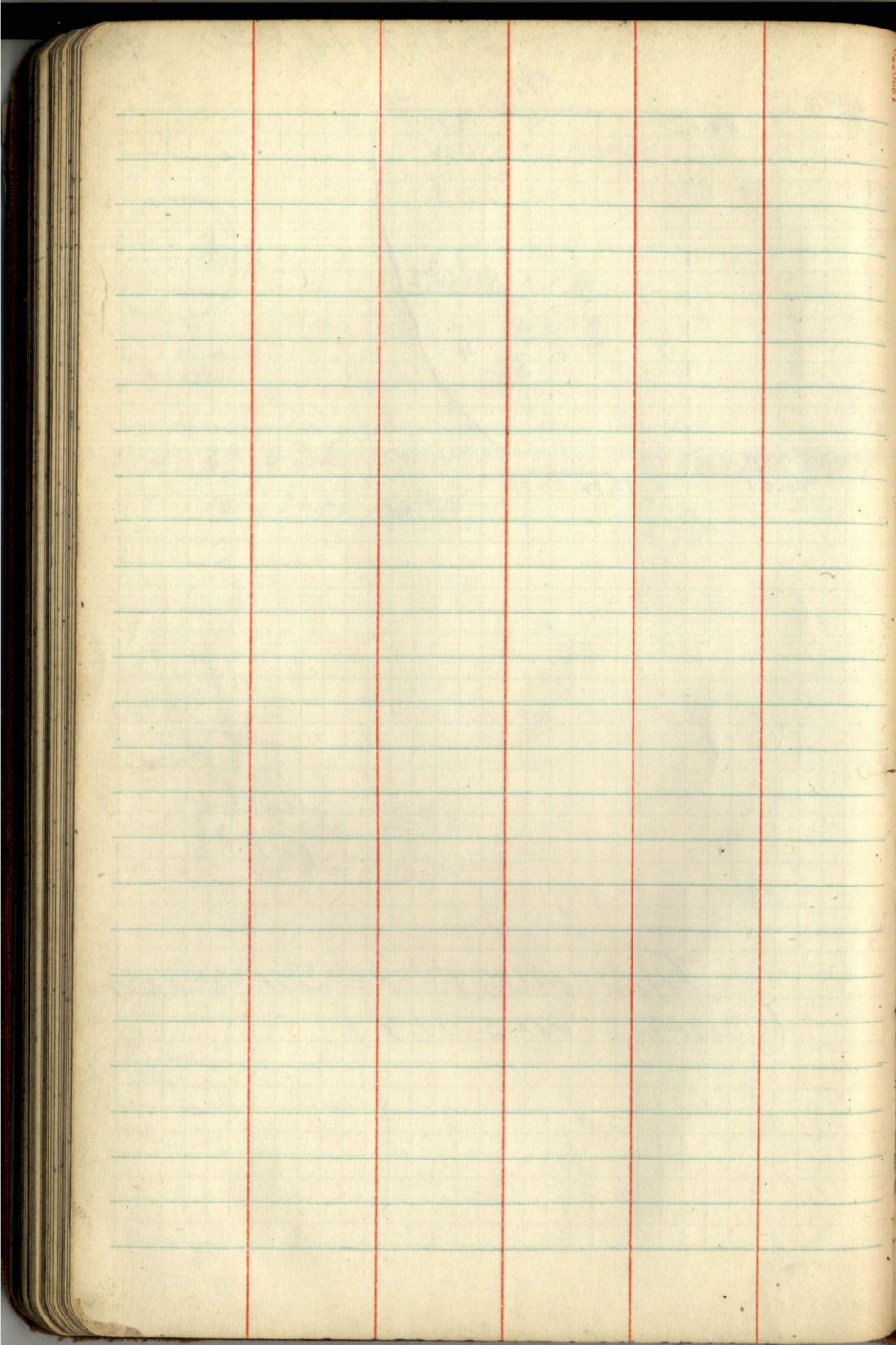
189  
 66  
 1134  
 1134  
 124.7

2 52'

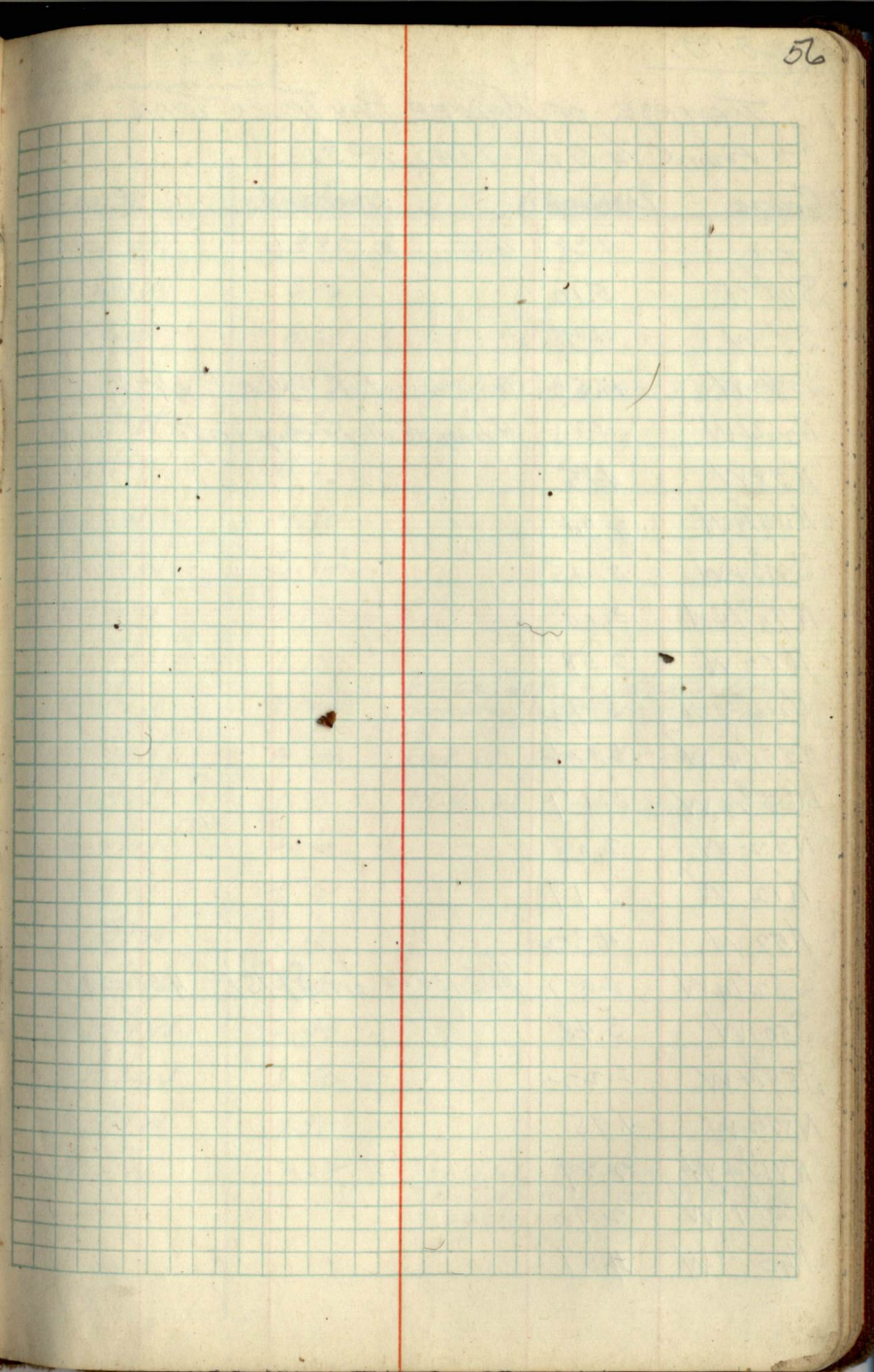
THIS MUST RE SURVEYED  
 (COMPASS WAS N.G.)

715  
 60  
 759 - Run 10'





1889779



56



1-8-1935

Hedland &  
Sutton

## TRAVERSE OF WALKER BAY TRUCK TRAIL

From C/4 513-T142-R31

Course	Distance	Remarks
East	1.38	To $\frac{1}{2}$ C.A.R. #26
S14 $\frac{1}{2}$ E	5.10	
S5°W	4.98	
S35 $\frac{1}{2}$ W	11.53	To intersection Walker Bay Tr. Tr.
N20 $\frac{1}{4}$ W	4.35	Along Walker Bay Tr. Tr.
N38W	4.85	
N47 $\frac{1}{4}$ W	2.94	
S56 $\frac{3}{4}$ W	3.45	
N70 $\frac{3}{4}$ W	3.10	
N53W	2.58	
N46 $\frac{3}{4}$ W	3.92	
N55 $\frac{1}{4}$ W	3.26	
N65 $\frac{3}{4}$ W	5.17	
N52W	2.08	
N12W	3.17	
N52W	4.32	
S82 $\frac{1}{4}$ W	4.97	$\frac{1}{4}$ 513+14 brs. S1 $\frac{1}{2}$ E 4.58 chs.
S50W	3.48	
S59 $\frac{3}{4}$ W	2.22	
N87 $\frac{1}{2}$ W	1.95	
N71 $\frac{1}{4}$ W	2.29	
N39 $\frac{1}{4}$ W	2.90	
N45 $\frac{3}{4}$ W	4.57	

Hardeen  
Dices  
Burton

57

Course	Distance	Remarks
N42 $\frac{3}{4}$ W	3.08	
N82 $\frac{1}{4}$ W	3.96	
S89 $\frac{1}{4}$ W	8.60	To Int. Camp Ground Road
N64W	2.73	
N13 $\frac{3}{4}$ W	3.90	
N17 $\frac{1}{4}$ W	4.73	
N63W	4.70	
N12 $\frac{1}{4}$ W	3.94	
N11 $\frac{1}{2}$ W	5.80	
N31 $\frac{3}{4}$ W	7.15	
N14 $\frac{1}{2}$ W	8.20	NE cor. lot 1 - Walker Bay Group Homesites brs. N8 $\frac{3}{4}$ W 0.67 chs.
N33 $\frac{1}{2}$ W	4.66	End of graded trail
N45W	1.83	35-fks. W. to edge bank of lake
N22 $\frac{3}{4}$ W	2.56	
N9 $\frac{1}{4}$ W	4.72	
N38 $\frac{1}{4}$ W	2.18	
N20 $\frac{1}{2}$ W	3.26	
N35 $\frac{1}{4}$ W	2.45	
N12 $\frac{1}{4}$ W	2.50	
N8 $\frac{3}{4}$ W	1.91	
N24W	2.32	The G.H.O. cor. lots 4x5 S11-T142-R31 brs. N89 $\frac{3}{4}$ W 2.66 chs.



TRAVERSE CAMP GROUNDS ROAD

Course	Distance	Remarks
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Course	Distance	Remarks
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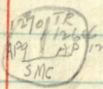
S 67 3/4 W	4.25	
S 78 3/4 W	2.70	
S 6 1/4 E	4.50	
S 11 E	1.75	
S 1 1/4 E	4.40	End of Road



1-9-1935

## TRAVERSE OF C.A.R. #26

From C 1/4 S. 13 - T14 - R31

Course	Distance	Remarks
East	1.38	To $\frac{1}{4}$ C.A.R. #26
N6 1/4 W	2.95	
N28 1/2 E	4.28	
N60 3/4 E	4.53	
N5 3/4 W	13.67	
N17 E	9.69	@ 6.00 S. side of Indian Cemetery @ 8.7 N. " " " "
N17 E	2.57	
N32 1/2 E	14.95	@ 8.23  hrs. E. 30. kcs
N55 1/4 E	6.40	✓
N70 1/2 E	9.44	✓
N77 1/2 E	8.06	✓
N82 1/4 E	10.30	✓
N89 1/4 E	10.82	✓
S71 3/4 E	16.92	✓
S56 E	14.14	Wood B.T. Brs. N66 E 0.50 chs.
S41 E	10.00	✓
S32 1/2 E	6.52	✓
S61 3/4 E	5.90	✓
N60 1/2 E	8.85	✓
S85 E	4.18	✓
S51 1/2 E	10.82	✓
S28 1/2 E	17.41	✓
S45 1/4 E	11.70	✓

59

T.P.I. C.A.R. #26 + Indian Service Road to Pine Pt.



1-9-1935

## TRAVERSE OF C.A.R. #26

Course	Distance	Remarks
S52E	6.74	G.L.O. <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">CCR DP3 S17</span> Brs. N30 <sup>1</sup> / <sub>4</sub> E. 35-1/ks
S58 <sup>3</sup> / <sub>4</sub> E	9.10	
Srs <sup>1</sup> / <sub>4</sub> E	2.70	
S10 <sup>1</sup> / <sub>4</sub> E	11.45	To P.I. Ferry Pt. Tr. Tr. + C.A.R. #26

 Steadland  
 Sutton  
 Burton  
 Bipes  
 Jardeen


60



1-9-1935

## TRAVERSE OF C.A.R.#26

From P.I. Walker Bay Tr. Tr. + C.A.R.#26.

Course	Distance	Remarks
S $74\frac{1}{2}$ W	12.46	@ 150 gates - N. Bdy. Agency.
S $1^{\circ}$ E	1.67	Driveway to Guard Cabin - NW
S $6^{\circ}$ E	4.52	
S $39\frac{1}{4}$ W	3.10	G.L.O.  brs. S $41\frac{1}{2}$ E 0.32 chs.
S $40\frac{1}{4}$ W	9.40	Onigum Water tank brs. S $10\frac{1}{2}$ E 4 chs.
S $35\frac{3}{4}$ W	7.40	
S $9^{\circ}$ W	4.56	" " " " N $41\frac{1}{4}$ E
S $1\frac{3}{4}$ E	2.30	
S $78\frac{1}{2}$ W	2.50	
S $5\frac{3}{4}$ W	1.65	To meander line Walker Bay

61

Cor. of Guard Cabin Brs. S $36\frac{1}{4}$ W 2.16 chs



1-10-1931

## TRAVERSE OF INDIAN SERVICE ROAD TO PINE POINT

From P.T. Onigum Road - CAR # 26

Course	Distance	Remarks
N36W	7.30	
N0°30'E	37.75	
N36 <sup>3</sup> / <sub>4</sub> E	10.20	
N42 <sup>1</sup> / <sub>4</sub> E	7.64	
N18 <sup>1</sup> / <sub>4</sub> E	10.76	
N37 <sup>1</sup> / <sub>4</sub> E	5.67	✓
N42E	6.92	✓
N14E	4.38	✓
N9E	4.18	✓
N29 <sup>1</sup> / <sub>2</sub> E	13.22	✓
N4 <sup>1</sup> / <sub>4</sub> W	25.64	✓
N8 <sup>3</sup> / <sub>4</sub> E	7.76	✓
N14E	12.50	Cor bears N77 <sup>1</sup> / <sub>4</sub> W. 4.87chs
N30 <sup>1</sup> / <sub>2</sub> E	4.46	
N50E	4.10	
N66 <sup>3</sup> / <sub>4</sub> E	4.99	
N88E	7.18	
N51 <sup>1</sup> / <sub>4</sub> E	6.84	
N30 <sup>1</sup> / <sub>2</sub> E	9.17	✓
N15 <sup>1</sup> / <sub>4</sub> E	5.44	✓
N <sup>1</sup> / <sub>2</sub> E	23.87	
N34W	2.49	
N16W	5.57	
N31W.	4.04	→ @ 3.76
N 3E	4.65	
North	5.56	TO LAKE

620  
 N51<sup>1</sup>/<sub>4</sub>W  
 N51<sup>1</sup>/<sub>4</sub>E  
 SMC

2016  
 c

North

404

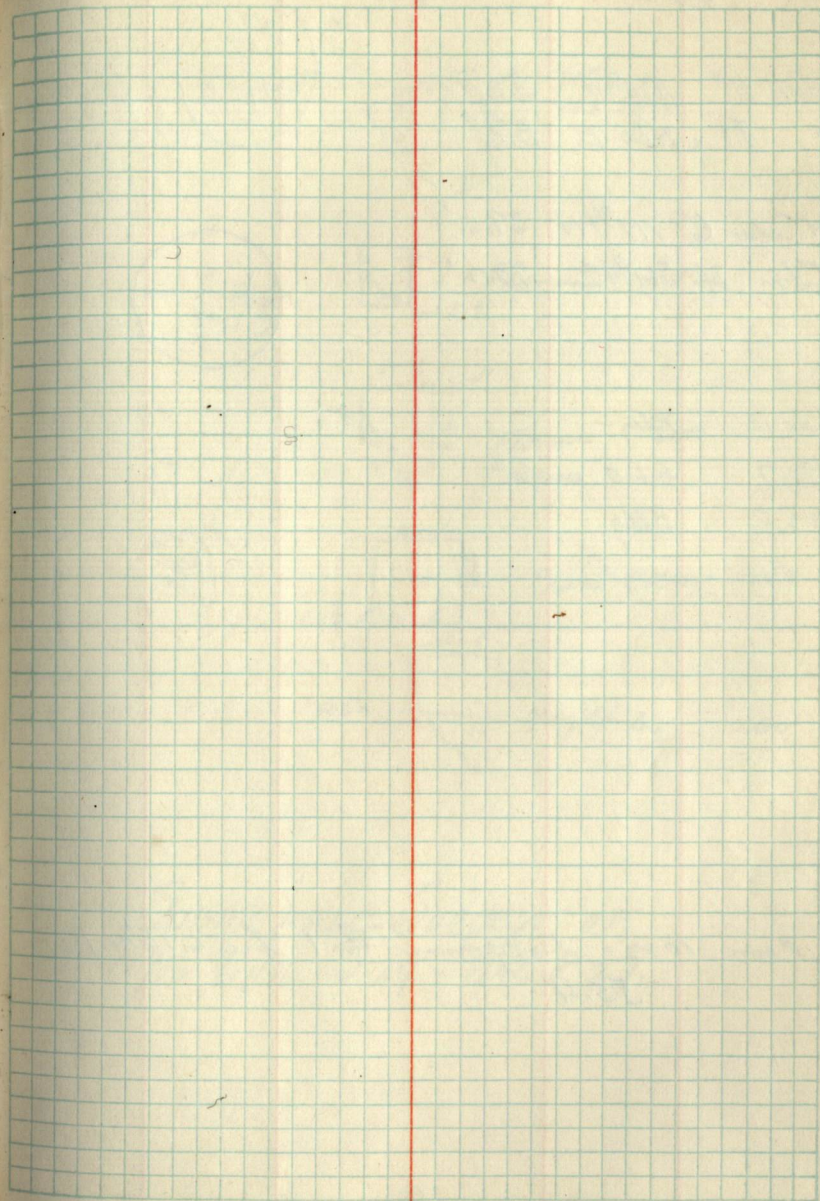
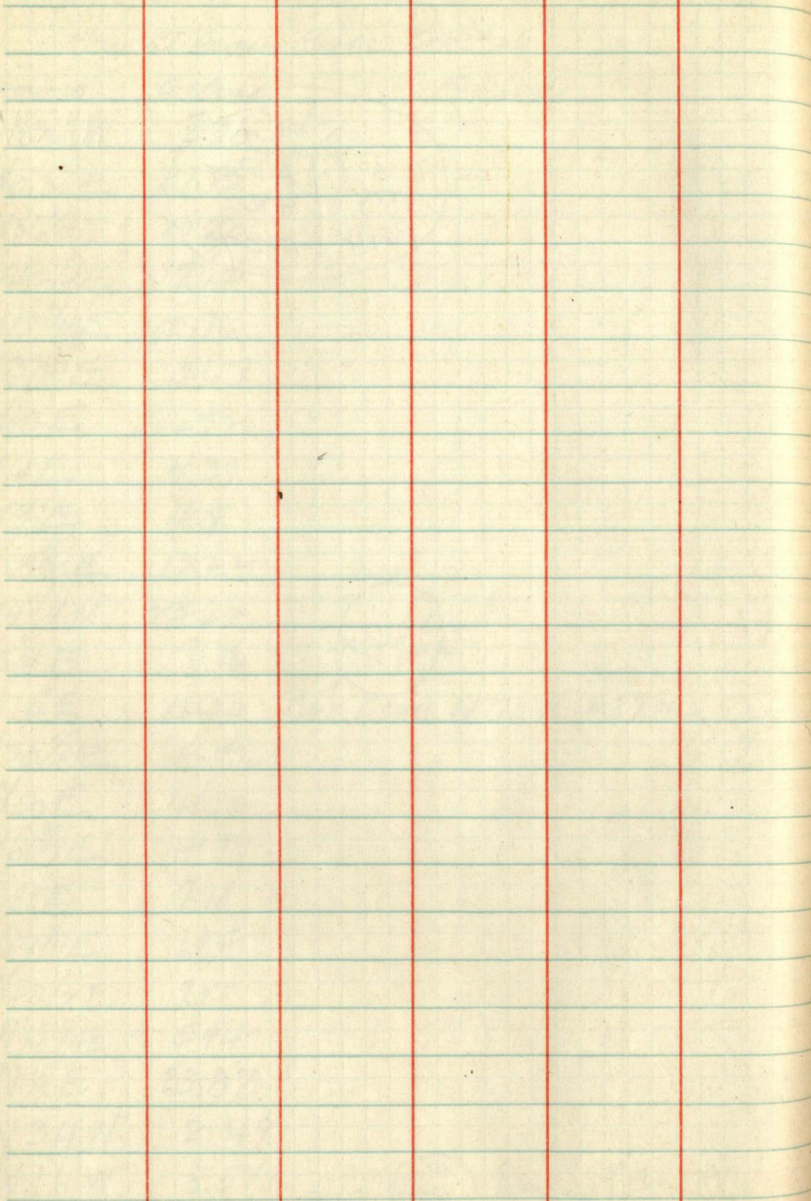
62

27

376

SMC  
 API | API  
 TR | TR  
 1714 | 1709







Va 8°

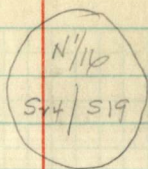
W. Ash 5" N28°W 5.2'  
" 7" N62°E 8.6'

W. Cedar 6" N73°4'W 39.5'  
Elm 14" S61°4'E 73.2'

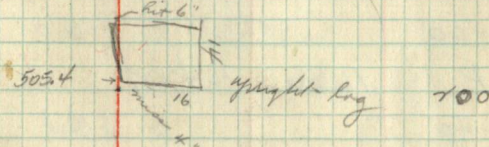
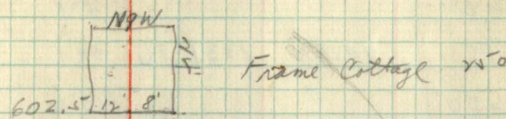
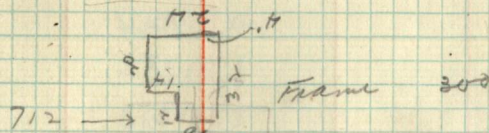
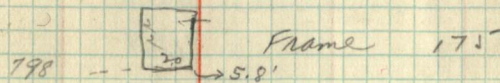
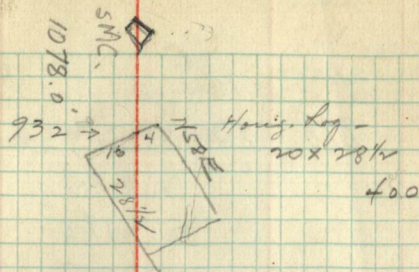
505.4 Bldg -  
593.7 6 L.O. picket  
602.5 Bldg

From 1023 = Lot corner A-1 bis. S76°1/4 E  
55.4'

T146 R27



64



From 1023 = 6 3/4'

SUGAR LAKE SURVEY OF  
N 1/16 LINE S. 24 - T146 R27.

N 1/16

→ N



PROFILE OF FACTORY STREET

	+	H.I.	-	T.P.	Elev.
B.M. <sup>400</sup>	7.78	1322.78			1315.0
0+20			8.3		
0+30			17.3		
0+60			14.9		
0+90			13.7		
1+0			13.0		
1+45			12.4		
2+0			7.2		
2+70			2.3		
3+0			1.7		
T.P.	10.52	1331.86	*	1.44	1321.34
3+50			10.6		
4+00			6.0		
T.P.	11.66	1342.09		1.43	1330.43
4+40			6.8		
T.P.	10.99	1352.91		0.17	1341.92
5+0			4.3		
T.P.	11.45	1363.67		0.69	1352.22
6+0			10.5		
T.P.	11.40	1370.34		4.73	1358.94
6+50			5.50		
B.M.				0.84	1369.50
T.P.	8.00	1384.24		<sup>question</sup>	1376.24
T.P.	10.57	1393.01		1.82	1382.44
			1.28		1391.73

Lake 65

	+	-	
	10.71	1325.71	1295.00
	10.99	1316.14	0.56 1325.15
	8.34	1323.88	0.60 1325.54
			2.14 1321.74
Top of highway # 34 + 19			
			1314.5
			1305.5
			1307.9
			1309.1
			1309.8
			1310.4
			1315.6
			1320.5
			1321.1
			1321.3
+ 3.5'			1325.9 (1329.0)
			1335.3
			1346.6
<del>1354.5</del>			(1354.5) c. Road 1353.2 (20'W)
			1364.8
Dist. in Norway			



1330779

	+	H.I.	-	T.P
	10.82	1402.55		1391.73
	11.05	1412.09		1.51 1401.04
	10.76	1421.92		0.93 1411.16
	4.97	1426.51		0.38 1421.54
	11.88	1436.39		2.00 1424.51
	11.77	1447.61		0.55 1435.84
	7.11	1453.53		1.19 1446.42
B.M.	138	1451.51	3.40	1450.13
	11.28	1451.11		11.68 1439.83
	3.09	1452.94		1.26 1449.85
	7.93	1457.76		3.11 1449.83
	10.58	1467.09		1.25 1456.51
	6.58	1472.45		1.22 1465.87
			5.78	1466.67

Nail in 4" Aspen 90' E, 10' N. of SW. cor. Bl. 7

Nail in 2" R. Oak Approx. 300' S. and 300' E. of SW corner Block 7



r	H. I.	-	T.P.	Elev
4.66	1326.40			1321.74
12.80	1334.62		4.58	1321.82
11.33	1333.07			1321.74
11.77	1343.98		0.86	1332.21
8.35	1351.45		0.88	1343.10

Center Highway + Factory St.

1371.8	1371.8
7.2	1.2
<u>1364.6</u>	<u>1370.6</u>
1	11.6
	<u>1382.2</u>



N. Pine 12" S39<sup>3</sup>/<sub>4</sub>W 18 lks - M&A E/S34 RT.  
 R. Oak 7" N44<sup>1</sup>/<sub>2</sub>W 29 lks. E 1/6 S27 BT E 1/6 S27  
 S34

NP. 15" N85<sup>1</sup>/<sub>4</sub> E 35<sup>1</sup>/<sub>2</sub> lks T146 NR21W S26 BT  
 NP. 13" S.33 E 40<sup>1</sup>/<sub>2</sub> lks. " " S35  
 ASPEN 8" S 78 W 23 lks " " S34  
 MAPLE 4" N35 W 8<sup>1</sup>/<sub>2</sub> lks. " " S27

Poster on MAPLE

T146 NR21W  
 S27 S26  
 S34 S35

W. Oak 7" S82<sup>1</sup>/<sub>4</sub>E 31- lks.  
 W. Oak 7" N44<sup>1</sup>/<sub>2</sub>W 36<sup>1</sup>/<sub>2</sub>- lks.  
 2/15/35

S1/6  
 S27 S26

ASH 7" N48 W 4 lks T146 NR21W  
 S27 MC BT  
 ASH 7" S25<sup>3</sup>/<sub>4</sub> E 7<sup>1</sup>/<sub>2</sub> lks

MC  
 S27 S26  
 T146 NR21W

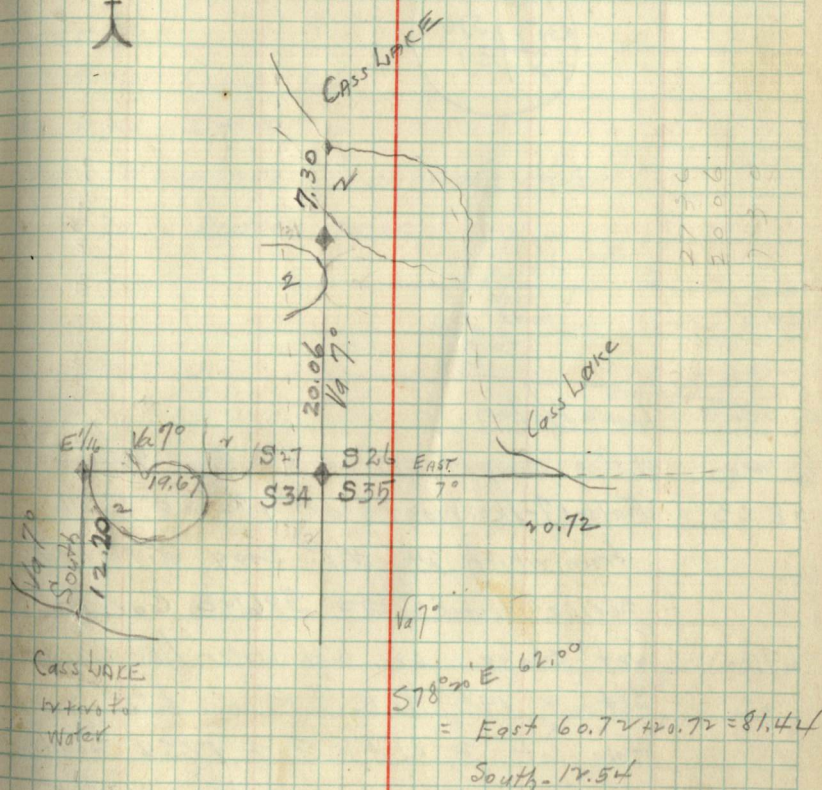
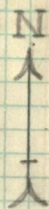
STEADLAND T

MARCH 15, 1935

68

E. Martinson  
 G. Graves  
 H. Warring  
 E. Gilbertson

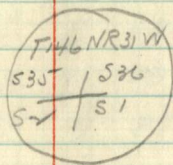
W. Hess  
 J. Demuth





2/19/1935

W. Oak 7" N37 1/2 E 60-lks  
 W. Oak 7" S56 E 53-lks  
 W. Oak 6" S49 1/2 W 41 1/2-lks  
 W. Oak 12" N69 W 17 1/2-lks



@ 23.50 Lake Helen

@ 24.00 W. Pine Stamp 14" 8ls. S77 E 50-lks

58.33 Fall-19-lks. West of 1 1/2" x 8" I.M.

from which 24" W.P. snag, with old  
 scribe marks Brs. S86 1/4 E 60-lks.

67.00 Set stake on high water line Cass Lake

Set v 19 1/2 lks E. From this point  
 stake set @ 81.44 E + 17.54 South  
 of corner 26-27-30-35 brs N7 1/2 E  
 19-lks. dist

M.C.

69

From 67.00 North

West - 20.14 to E 1/16 line Sec. 35

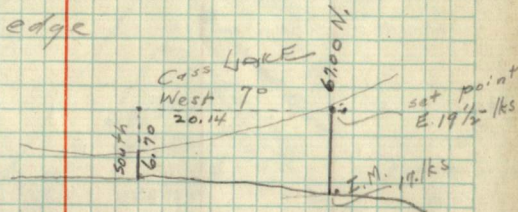
@ 4.20 Leave lake

South

@ 4.36 Set M.C.

6.58 " M.C. on Lake Helen

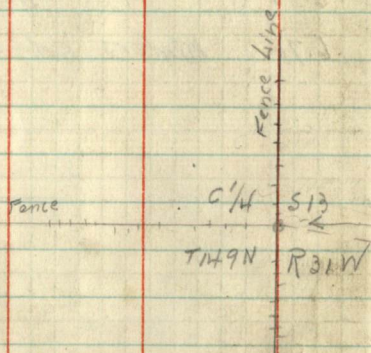
6.70 Waters edge





10-15-1935

SURVEY OF BLACKDUCK RANGER STATION

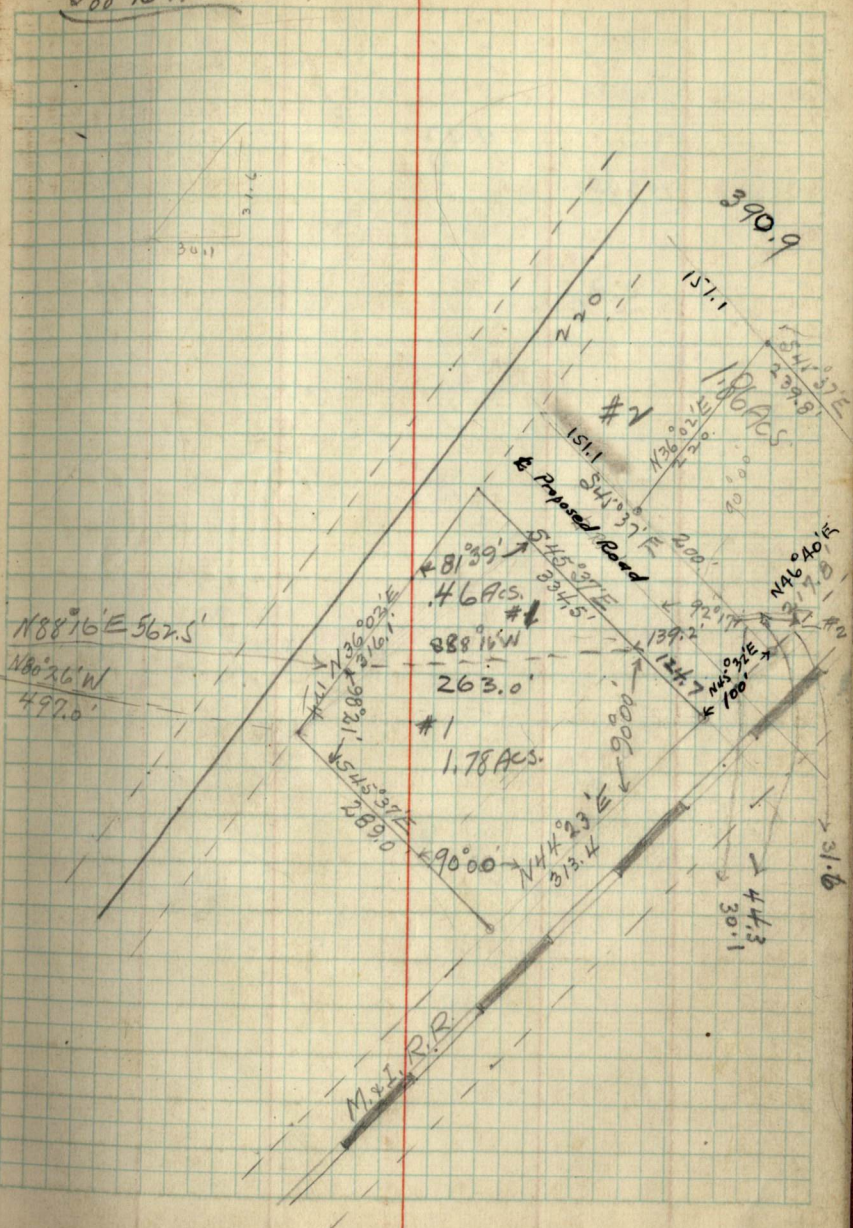


N 80° 26' W

S 88° 16' W

N

70



M.I. R.R.



H.J

H.I  
108.15

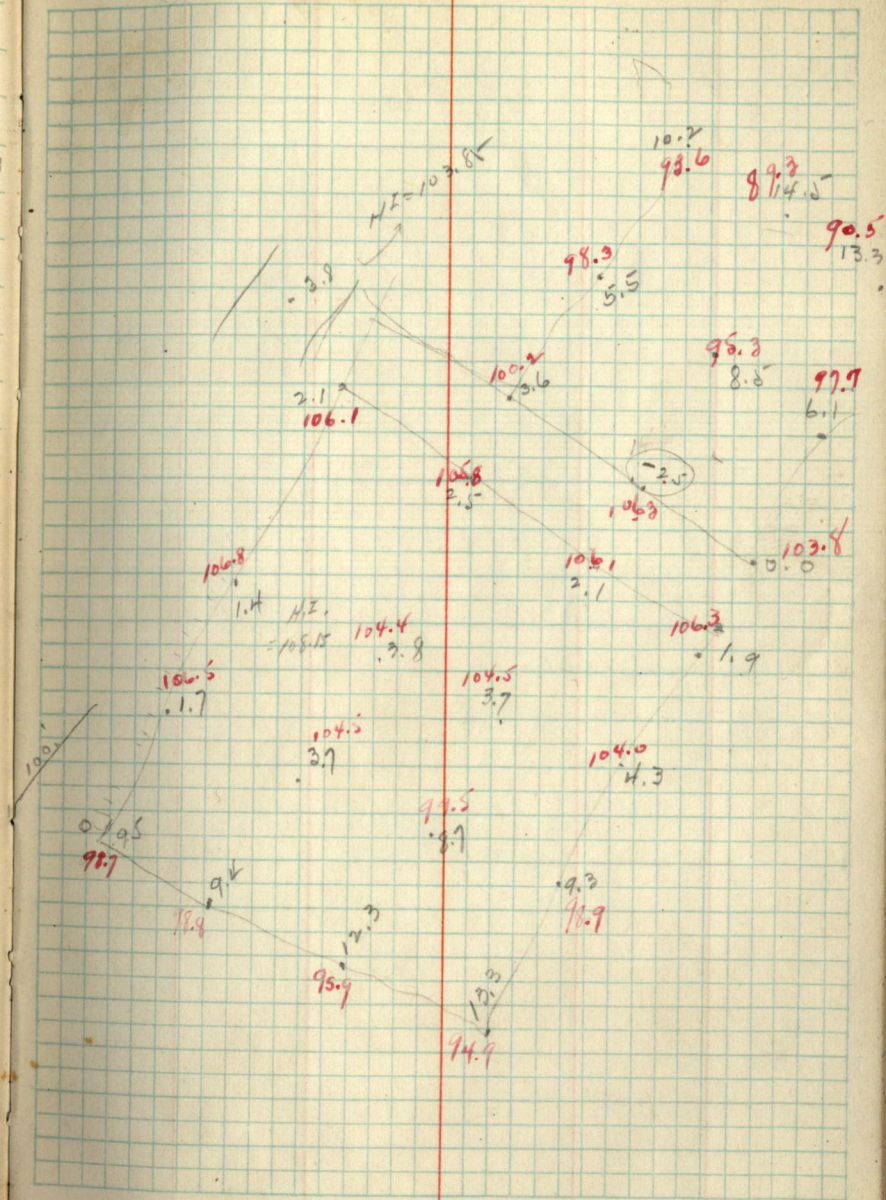
4.42

103.85

103.73

+ 212

71

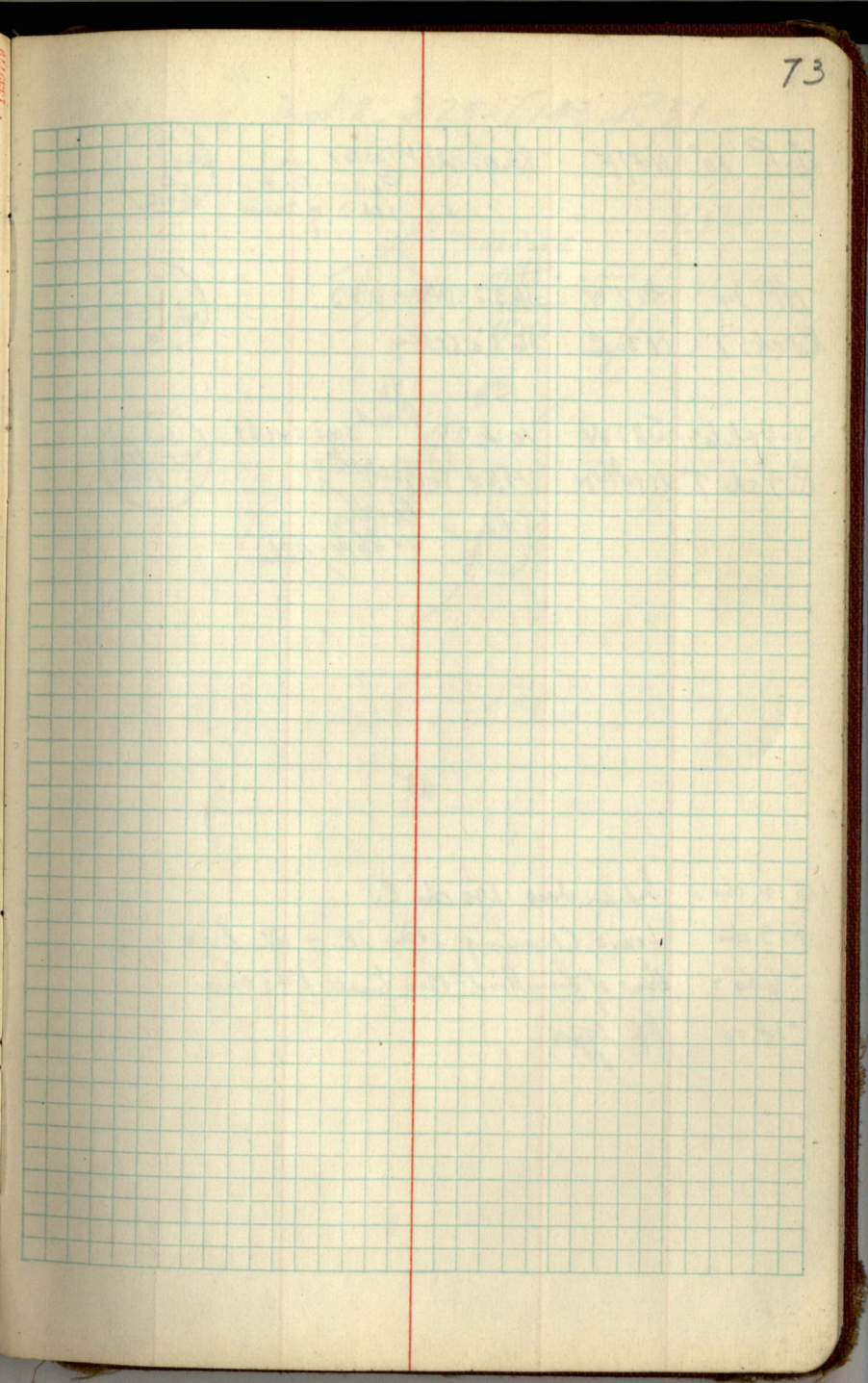
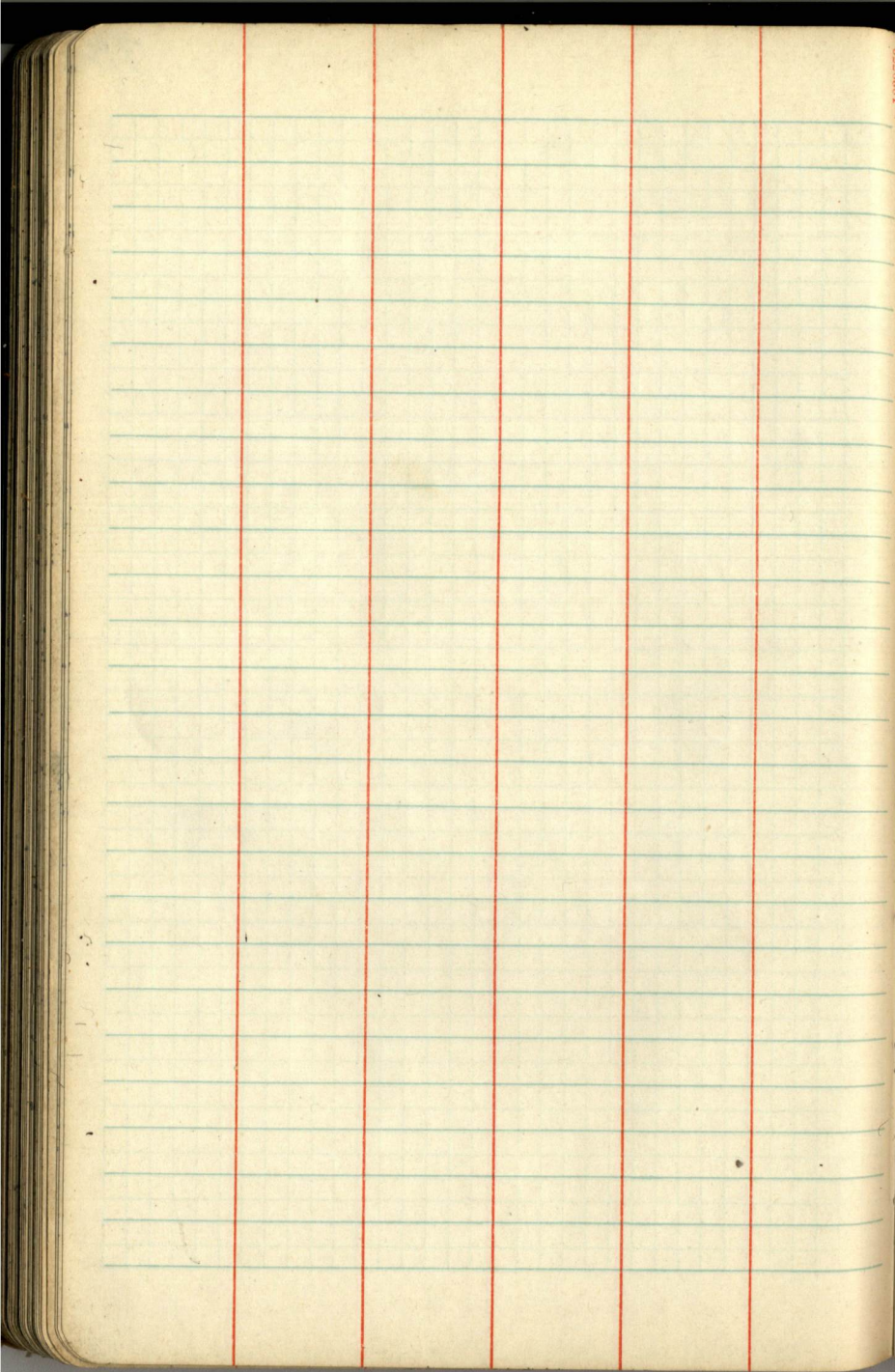






72

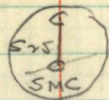






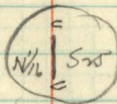
J.P. 10" N47E

85.0 = 128.8 <sup>1/4</sup> Poster on  
Fence Post  
1/4 d. of corner



NP 14" S17°W

14.3' = 2.1/4 d. of corner



R.Oak 7" N30E

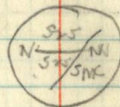
36.3' = 55 d. of corner

W.Oak 6" S87W

104.7' = <sup>3/4</sup> Mnd. SMC Svc BT

R.Oak 7" N89°W

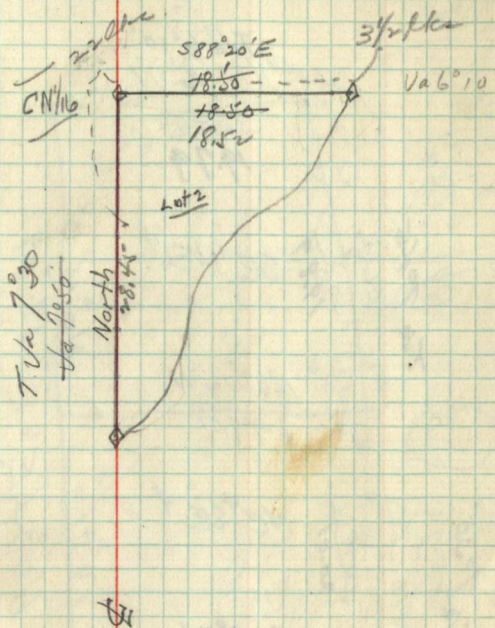
91.0' = 136 d. of corner



(As per Poster  
N86W 11/4)

- @ 2 chs. Indian track 1.20 chs E.
- " 3 chs Leave Clearing - Pres SE - MC X type
- " 6.50 " Home of Levi Wind - Pres East 1.40 chs
- " 14.00 MC type

Lot 2 - J. 25 - T143 - R31



68  
36.7  
47







Sta. + H.I. - - T.P. E.A.V.

1515  
27.3  
4.5  
20.8  
30.3  
32.78

Red Oak 8" N56°W 35.4' SE cor. Sec. 23  
" " 7" S41°E 30.0'

Aspen 6" S28°W 2 1/2' (H6 #14 - Sec. 23)

Red Oak 8" S 16°W 9.8' CH 5-74

Aspen 12" N69°E 18.5' (Poster - 10 Bkls S88°W)

W. Oak 7" N45 1/4°W 43.0' - 65' (N 1/2 S 24)  
" 13" S23 1/4°W 27.8' - 42 1/4'

J.P. 14" N76 1/2°E 35.5' - 54' (1/4 S13) 1/4 S13 BT  
" 11" S24°W 34.0' - 51 1/2' (1/4 S24) 1/4 S24 BT

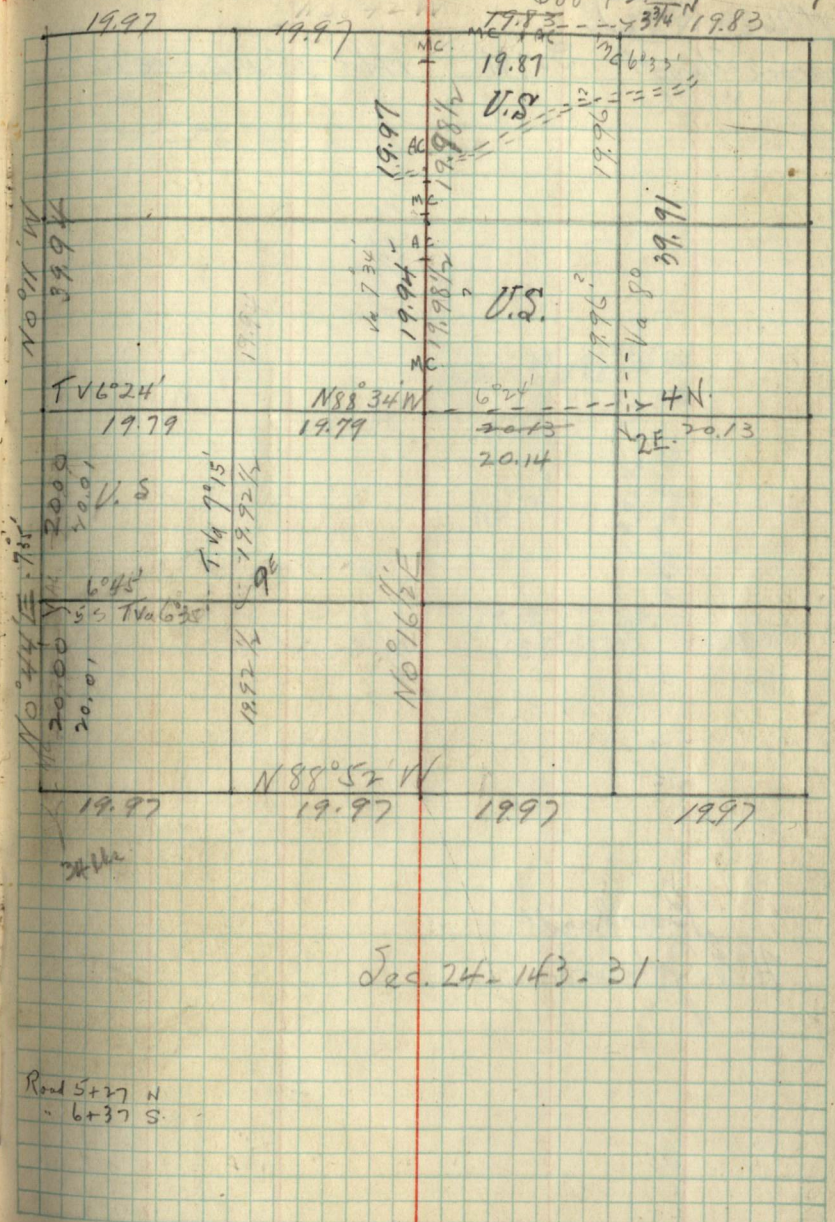
Aspen 7" S70°E 8.0' - 12 1/4' (E 1/6 S13)  
W Oak 12" N9°W 8.5' - 19' (E 1/6 S24)

R. Oak 5" N22 1/2°E 9.3' - 14' (E 1/6 C)  
Aspen 6" S19°W 12.4' - 18 1/4' (C - S24 C)

S88°09'E

S88°42'E

76



Dec. 24 - 143 - 31

Road 5+27 N  
6+37 S



CW/16-

W/16  
Cont  
12.9

Tamarack Stamp 3' high  
927W

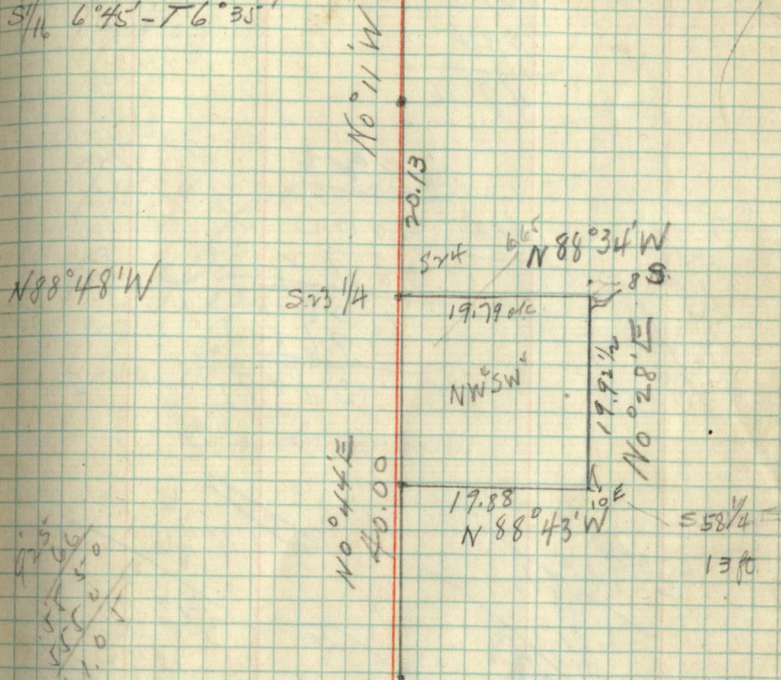
17 lbs.

CW/16 5-24 BT.

Borchardt  
H. G. Johnson

Sec 24-143-31

CL = 6'10" T.Va = 6'24"  
W/16 = 7'35" T.Va 7'15"  
T.M.E.  
S/16 = 6'45" - 7'6"35"





1078

594

484

63.00.88

484

4000

3872

1280

968

3170

3088

510

317

0083

106

48

83

878

88

3088

176

3176

86

3262

3170

83

53

83

43

249

166

1909

7+

8

9

10

10+27

30.88

31.70

32.52

33.34

34.16

34.98

35.80

36.62

37.44

20.13  
N0°11'W-N1'

(CL) 6°35'

78

N0°44'E-S1/2

40.00

N88°48'W

730

112

822

11

853

45

808

H. Johnson

B. Leet

Joe Boben

Andruski

8.3

1575

415

83

415

83

1267 45



