

LAKE
BENCH MARKS

BOOK No. 1

MINING
TRANSIT BOOK

LAKE BENCH MARKS BOOK No. 1

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.

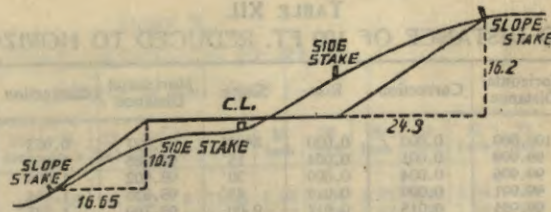
	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	0
1	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.8	10.9	1
2	11.0	11.1	11.2	11.3	11.4	11.5	11.6	11.7	11.8	11.9	2
3	12.0	12.1	12.2	12.3	12.4	12.5	12.6	12.7	12.8	12.9	3
4	13.0	13.1	13.2	13.3	13.4	13.5	13.6	13.7	13.8	13.9	4
5	14.0	14.1	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

1038.0
1.33
 101.97
1.9
 1210.07
10.2
 1.9

1032
8.79
 1.53

Original Field Notes
 of Lake Levels
 by J. A. Gjelhaug

Rec'd by Eng. Oct. 5 1937
 (from Stoudt) a



DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING.
SLOPE 1 1/2 TO 1. ROADWAY OF ANY WIDTH.

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	0.00	0.15	0.30	0.45	0.60	0.75	0.90	1.05	1.20	1.35	0
1	1.50	1.65	1.80	1.95	2.10	2.25	2.40	2.55	2.70	2.85	1
2	3.00	3.15	3.30	3.45	3.60	3.75	3.90	4.05	4.20	4.35	2
3	4.50	4.65	4.80	4.95	5.10	5.25	5.40	5.55	5.70	5.85	3
4	6.00	6.15	6.30	6.45	6.60	6.75	6.90	7.05	7.20	7.35	4
5	7.50	7.65	7.80	7.95	8.10	8.25	8.40	8.55	8.70	8.85	5
6	9.00	9.15	9.30	9.45	9.60	9.75	9.90	10.05	10.20	10.35	6
7	10.50	10.65	10.80	10.95	11.10	11.25	11.40	11.55	11.70	11.85	7
8	12.00	12.15	12.30	12.45	12.60	12.75	12.90	13.05	13.20	13.35	8
9	13.50	13.65	13.80	13.95	14.10	14.25	14.40	14.55	14.70	14.85	9
10	15.00	15.15	15.30	15.45	15.60	15.75	15.90	16.05	16.20	16.35	10
11	16.50	16.65	16.80	16.95	17.10	17.25	17.40	17.55	17.70	17.85	11
12	18.00	18.15	18.30	18.45	18.60	18.75	18.90	19.05	19.20	19.35	12
13	19.50	19.65	19.80	19.95	20.10	20.25	20.40	20.55	20.70	20.85	13
14	21.00	21.15	21.30	21.45	21.60	21.75	21.90	22.05	22.20	22.35	14
15	22.50	22.65	22.80	22.95	23.10	23.25	23.40	23.55	23.70	23.85	15
16	24.00	24.15	24.30	24.45	24.60	24.75	24.90	25.05	25.20	25.35	16
17	25.50	25.65	25.80	25.95	26.10	26.25	26.40	26.55	26.70	26.85	17
18	27.00	27.15	27.30	27.45	27.60	27.75	27.90	28.05	28.20	28.35	18
19	28.50	28.65	28.80	28.95	29.10	29.25	29.40	29.55	29.70	29.85	19
20	30.00	30.15	30.30	30.45	30.60	30.75	30.90	31.05	31.20	31.35	20
21	31.50	31.65	31.80	31.95	32.10	32.25	32.40	32.55	32.70	32.85	21
22	33.00	33.15	33.30	33.45	33.60	33.75	33.90	34.05	34.20	34.35	22
23	34.50	34.65	34.80	34.95	35.10	35.25	35.40	35.55	35.70	35.85	23
24	36.00	36.15	36.30	36.45	36.60	36.75	36.90	37.05	37.20	37.35	24
25	37.50	37.65	37.80	37.95	38.10	38.25	38.40	38.55	38.70	38.85	25
26	39.00	39.15	39.30	39.45	39.60	39.75	39.90	40.05	40.20	40.35	26
27	40.50	40.65	40.80	40.95	41.10	41.25	41.40	41.55	41.70	41.85	27
28	42.00	42.15	42.30	42.45	42.60	42.75	42.90	43.05	43.20	43.35	28
29	43.50	43.65	43.80	43.95	44.10	44.25	44.40	44.55	44.70	44.85	29
30	45.00	45.15	45.30	45.45	45.60	45.75	45.90	46.05	46.20	46.35	30
31	46.50	46.65	46.80	46.95	47.10	47.25	47.40	47.55	47.70	47.85	31
32	48.00	48.15	48.30	48.45	48.60	48.75	48.90	49.05	49.20	49.35	32
33	49.50	49.65	49.80	49.95	50.10	50.25	50.40	50.55	50.70	50.85	33
34	51.00	51.15	51.30	51.45	51.60	51.75	51.90	52.05	52.20	52.35	34
35	52.50	52.65	52.80	52.95	53.10	53.25	53.40	53.55	53.70	53.85	35
36	54.00	54.15	54.30	54.45	54.60	54.75	54.90	55.05	55.20	55.35	36
37	55.50	55.65	55.80	55.95	56.10	56.25	56.40	56.55	56.70	56.85	37
38	57.00	57.15	57.30	57.45	57.60	57.75	57.90	58.05	58.20	58.35	38
39	58.50	58.65	58.80	58.95	59.10	59.25	59.40	59.55	59.70	59.85	39
40	60.00	60.15	60.30	60.45	60.60	60.75	60.90	61.05	61.20	61.35	40
41	61.50	61.65	61.80	61.95	62.10	62.25	62.40	62.55	62.70	62.85	41
42	63.00	63.15	63.30	63.45	63.60	63.75	63.90	64.05	64.20	64.35	42
43	64.50	64.65	64.80	64.95	65.10	65.25	65.40	65.55	65.70	65.85	43
44	66.00	66.15	66.30	66.45	66.60	66.75	66.90	67.05	67.20	67.35	44
45	67.50	67.65	67.80	67.95	68.10	68.25	68.40	68.55	68.70	68.85	45
46	69.00	69.15	69.30	69.45	69.60	69.75	69.90	70.05	70.20	70.35	46
47	70.50	70.65	70.80	70.95	71.10	71.20	71.40	71.55	71.70	71.85	47
48	72.00	72.15	72.30	72.45	72.60	72.75	72.90	73.05	73.20	73.35	48
49	73.50	73.65	73.80	73.95	74.10	74.25	74.40	74.55	74.70	74.85	49
50	75.00	75.15	75.30	75.45	75.60	75.75	75.90	76.05	76.20	76.35	50

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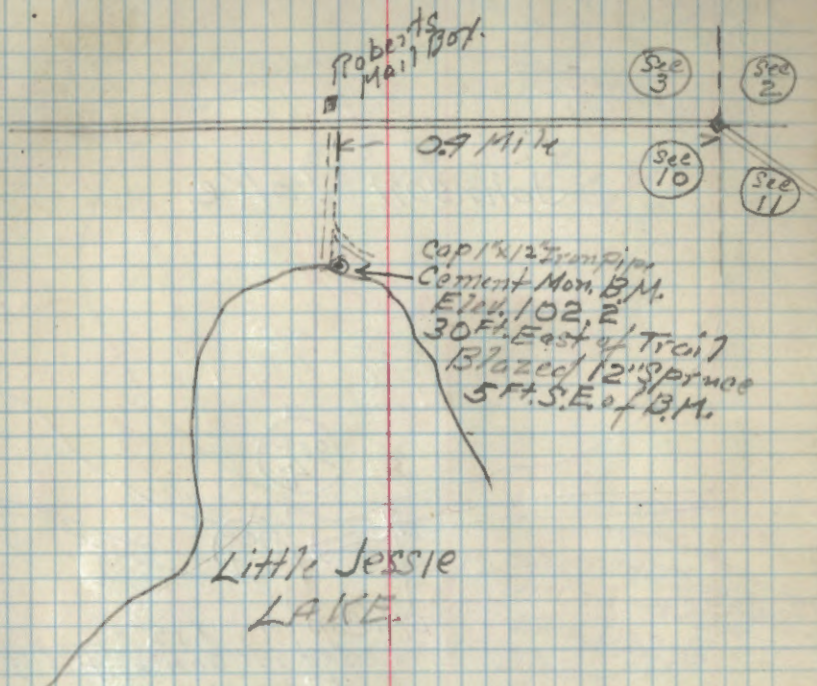
WALKER. RANGER DIST. Page

JACK LAKE	Sec. 2	T.141N. R.30W.	69
TURTLE LAKE	Sec. 5	T.141N. R.30W.	69
HOWARD LAKE	Sec. 19	T.141N. R.31W.	70
ALICE LAKE	Sec. 7	T.141N. R.31W.	70
THIRD LAKE	Sec. 4	T.141N. R.31W.	71
FOURTH LAKE	Sec. 4	T.141N. R.31W.	71
UPPER FIFTH LAKE	Sec. 5	T.141N. R.31W.	72
FIFTH LAKE	Sec. 5	T.141N. R.31W.	72
LONG LAKE	Sec. 34	T.142N. R.31W.	73
MAY LAKE	Sec. 22	T.142N. R.31W.	73
LONG LAKE	Sec. 13	T.141N. R.28W.	74
KEGO LAKE	Sec. 26	T.141N. R.28W.	74
MAPPLE LAKE	Sec. 22	T.141N. R.28W.	74
GIRL LAKE	Sec. 34	T.141N. R.28W.	75
CEDAR LAKE	Sec. 11	T.141N. R.29W.	75
PINE LAKE	Sec. 17	T.141N. R.29W.	75
MOCCOSIN LAKE	Sec. 28	T.141N. R.29W.	76
SILVER LAKE	Sec. 25	T.141N. R.29W.	76
CEDAR LAKE	Sec. 18	T.142N. R.31W.	77
34 LAKE	Sec. 9	T.141N. R.31W.	77
PORTAGE LAKE	Sec. 25-26	T.141N. R.31W.	77
TEN MILE LAKE	Sec. 25-26	T.141N. R.31W.	77
FRAT LAKE	Sec. 10	T.141N. R.29W.	78
MUD LAKE	Sec. 21-28	T.142N. R.30W.	78

LAKE WINNIBIGOSHISH and all
Lakes controlled by WINNIE DAM - 78

LEACH LAKE and all lakes
controlled by FEDERAL DAM. 78

Little Jessie Lake B.M. 1



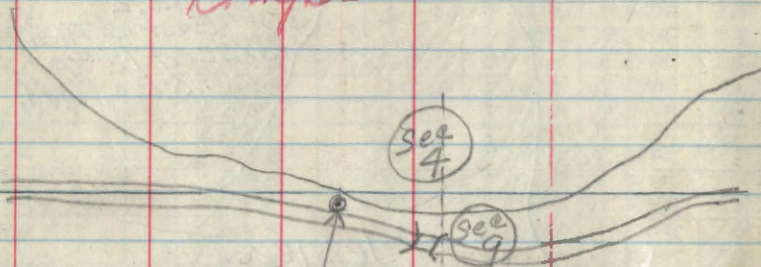
Sec. 10 T.147N. R.25W
5th P. Mer.
6/30/37

Added to map

$$\begin{array}{r} 9.90 \text{ dist} \\ 9.90 \text{ mens} \\ \hline 0.00 = 1030 \end{array}$$

Johnson Lake

completed



BM. Cap on 1" x 12" Iron pipe
 set in cement
 Elev. 103.00
 Blazed Cedar. 12" 15 ft North
 BM. is located betw
 Lake and Road 230 ft
 West of Newts ridge
 and 18' South of M.C.

7/7/37

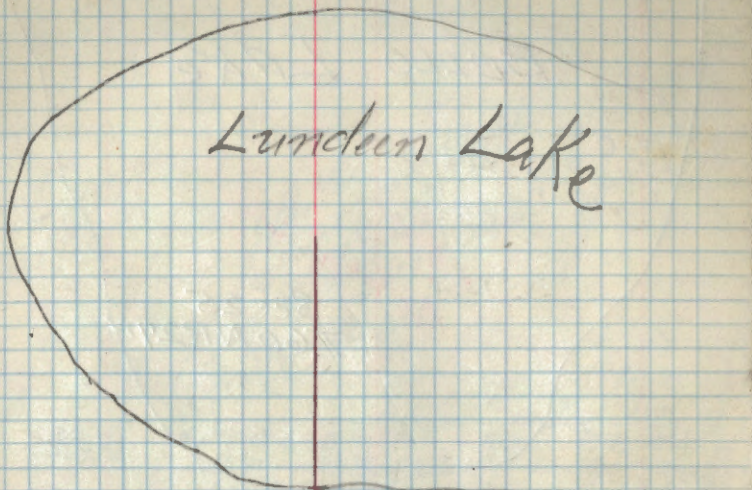
J.A.Gjelhaug

Sec. 9 - T. 59 N. R. 26 W.

Lundeen Lake B.M.

2

Lundeen Lake



BM. Cap on 1" x 12" Iron pipe
 in Cement Mon.
 Elev. 102.6
 Blazed
 Birch 8" North 16 ft
 Cedar 12" N.W. 25 ft

S 1/4 Sec 9

Sec 29

Sec 28

Sec 32

Sec 33

COMPLETED

T 60 N. R. 26 W.
41st P. Mer.

7/1/37

J.A.Gjelhaug

11.04
 9.00
 2.04

102.80
 2.09
 100.71

128
 90
 3.8

BELLO LAKE

1290
 1148
 142

101.71
 1.8
 100.00

Completed

Sec 25
 T.60 N. R. 27 W.

Range 7.22

50 ft

730 ft. Road
 1/4 Cor. Sec 25
 1/4 Cor. Sec 30

Elev. of Lake
 100.06
 7/7/37

B.M. Cap on 1" x 12" Iron pipe
 Set in Cement
 Elev. 101.71
 Blaze on E 1/4 1/4 North 3 F.

T. 60 N. R. 26 W.
 7/7/37
 J.A. Bjelhang

Big Dick Lake

3

Big Dick Lake

B.M. Cap on 1" x 12" Iron pipe
 Set in Cement
 Elev. 107.00
 Pipe bed post

Sta. A.
 336' W.
 57 1/2' N.

Aspen 5" B.M. spike
 15' W. and 3' S. of N.C.
 Elev. 105.19

approx. 240 ft

Sec 11
 8.0006
 1/4 Cor. T. 59 N. R. 26 W.
 #602

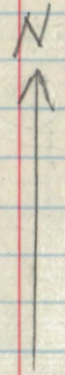
Elev. Lake 7/2/37
 100.54

Sec. 11.
 T. 59 N. R. 26 W.
 7/2/37
 J.A. Bjelhang

Completed

Completed

Maple Lake



Lake level 7/7/37
103.07

B.M. cap on 1" x 1/2" Iron pipe
set in cement
Elev. 105.97
Blazed south 6"
outvert

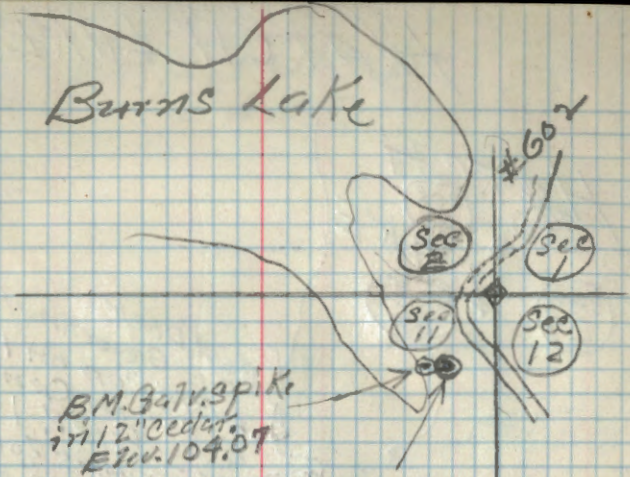
To B.M. 90 140 ft North
of outvert, thence
150 ft west to B.M.

7/7/37
J.A.Gjelhaug

Sec. 25 - T60N. R27W

12.31
9.41
103.90
103.07
105.97

Burns Lake



B.M. Galv. spike
in 12" cedar
Elev. 104.07

Cap. on 1" x 1/2" Iron pipe
set in cement

Elev. 104.05

Blaze on 12" cedar S.W. 30'
" " 8" J. Pine East 27'

From Sign Post "BURNS LAKE"
6-7 Road go 60' North, thence
S.W. 150' to B.M.

Sec. 11 - T59N. R. 26W

7/2/37
J.A.Gjelhaug

Completed

HATCH LAKE.

completed

HATCH LAKE

see 27

see 23

see 26

Boat Dock
Gregor Resort
BM Cap on 1" x 12" Iron P.
Set in Cement
Elev. 102.96
BM is located
18' East of
Boat Dock.
Blazed B. of G. 7.
9" South 74'

Big Turtle Lake

(Lake Elev. 99.81
7/7/37)

T. 60 N. R. 27 W

7/7/37

J.A. Bjelhaug

109.66
9.90
0.76

103.72
102.96

1240
12850 Lake
3.90

103.71
99.81

BIG TURTLE LAKE.

BIG TURTLE LAKE.

BM Cap. Spike in 6" Aspen
Elev. 103.50

Evergreen Farm.

Farm Bldgs.

Cap on 1" x 12" Iron pipe
Set in Cement
Elev. 101.97

Blazed 4" Aspen
3' West of BM.

(Lake Elev. 7/2/37 100.07)

T. H. # 38

Completed

see 5

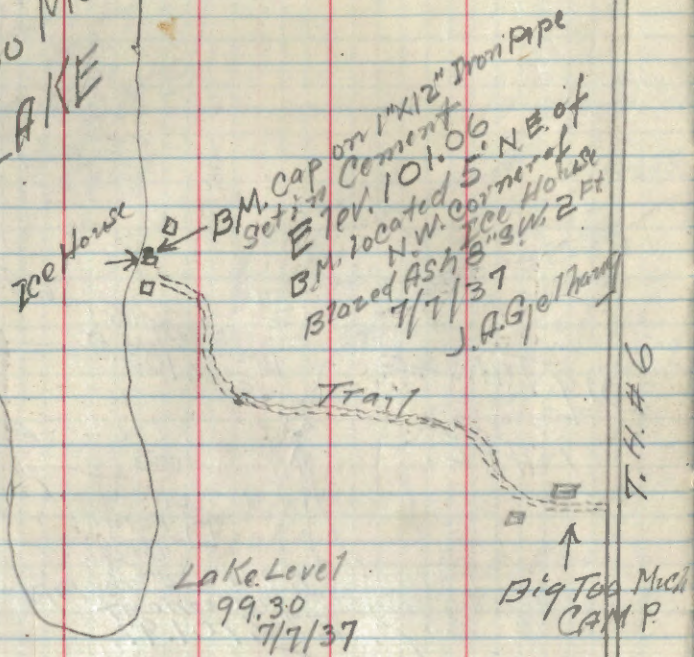
T. 59 N. R. 26 W.

J.A. Bjelhaug
7/2/37

1/4 Cor.

see 8

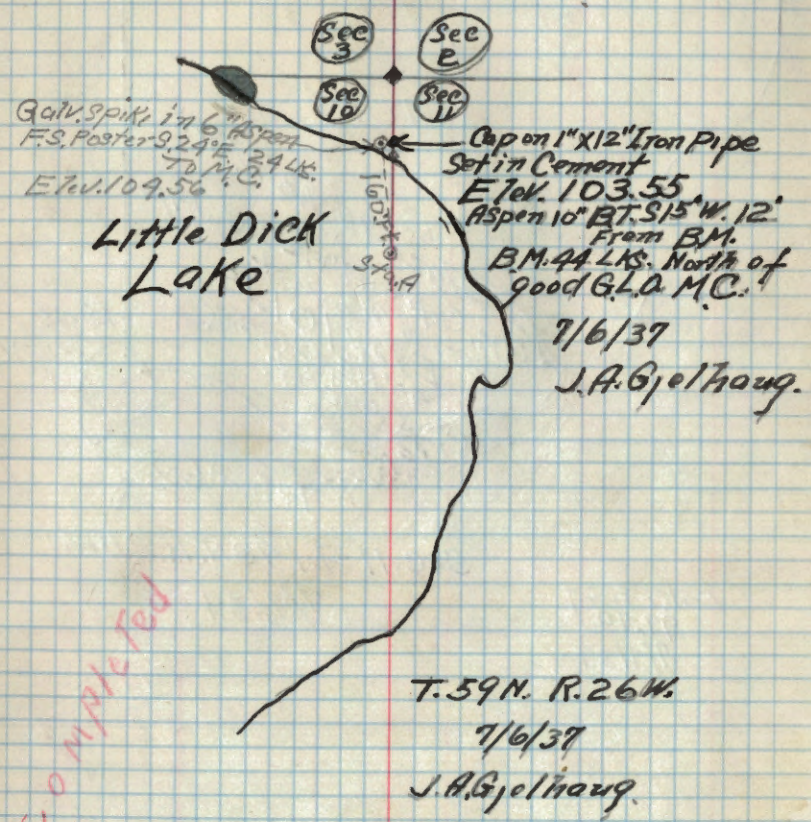
Completed
BIG TOO MUCH
LAKE



SEC. 13-T148N. R25W.

3312
Thill Anna A
Lot 2
W-146-31

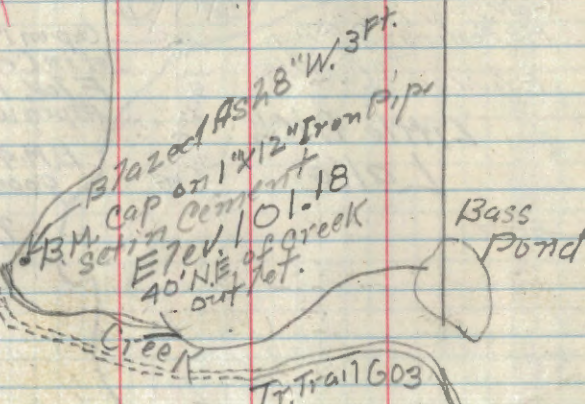
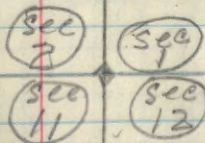
LITTLE DICK LAKE.



Completed

LA CROIX
LAKE.

Completed



Sec. 11 - T. 198 N. R. 25 W.

7/7/37

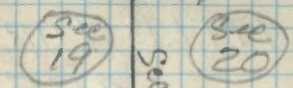
Lake level
99.70
7/7/37

HORSE SHOE LAKE.

Road N. 1/3-19-20

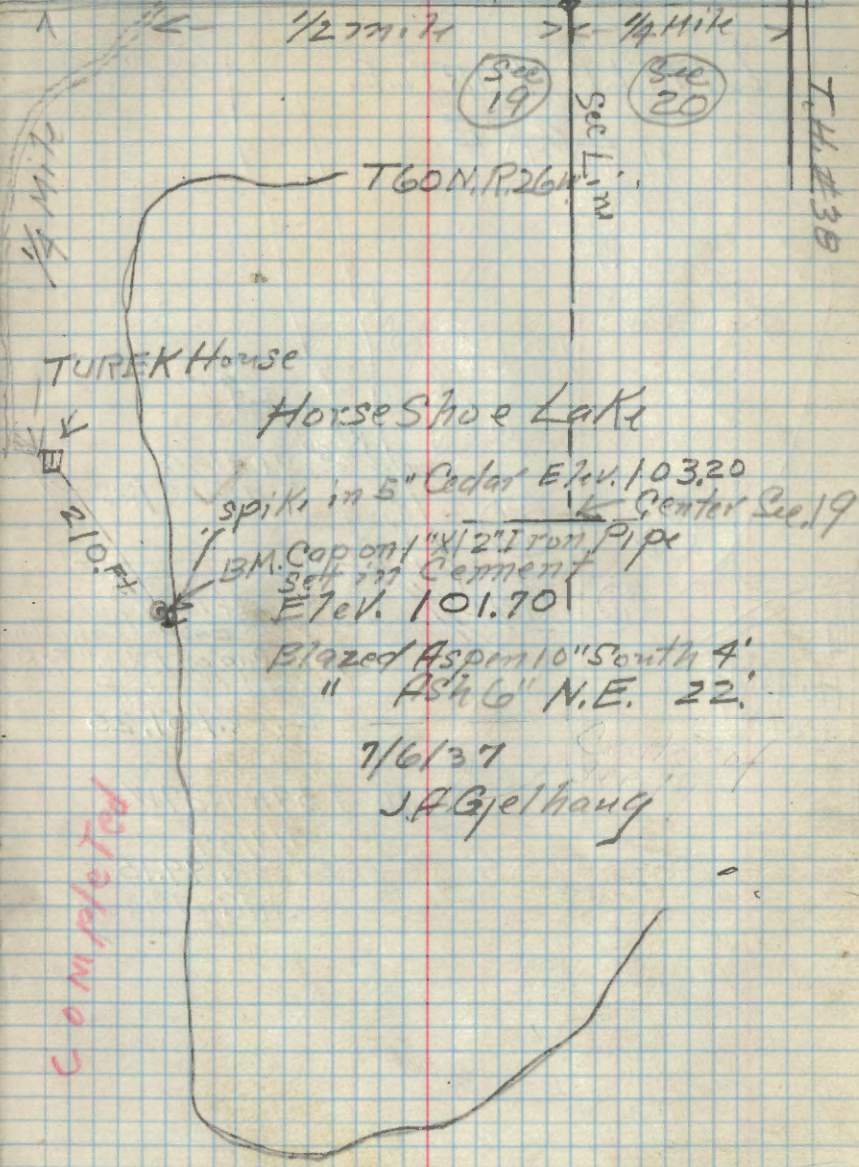
7

1/2 mile 1/4 mile



Sec. 19

T. 198 N. R. 25 W.



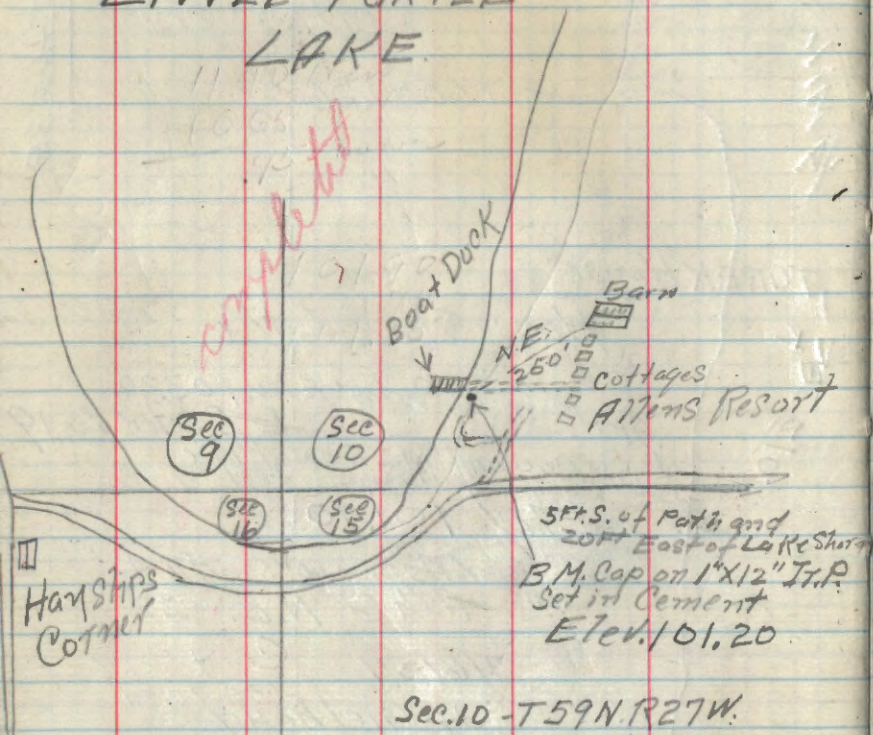
Blazed Aspen 10" South 4' N. E. 22'

7/6/37

J. A. Bjelhaug

Completed

LITTLE TURTLE LAKE

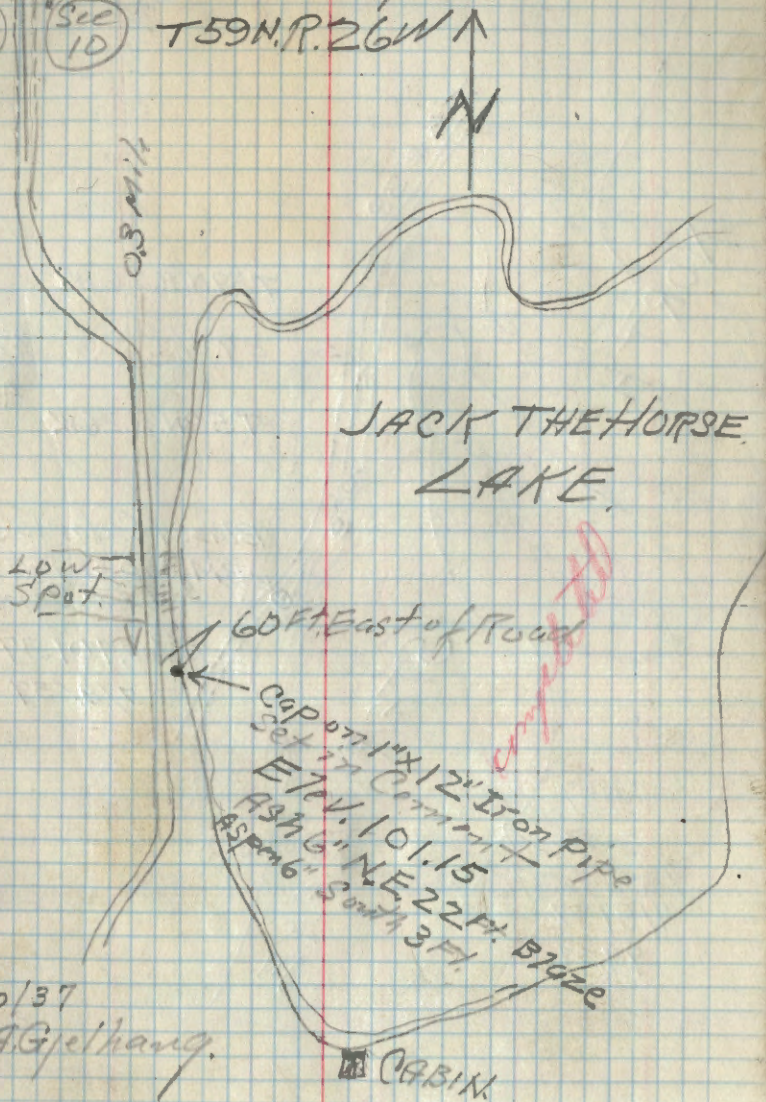


5 Ft. S. of Path and
20 ft East of Lake Shore
B.M. Cap on 1" x 12" Iron Pipe
Set in Cement
Elev. 101.20

Sec. 10 - T59N R27W.

7/7/37
Elev. Lake 99.15
JAG Jelhaug

Sec 4 Sec 3
Sec 9 Sec 10
Stone Gateway
T59N.R.26W



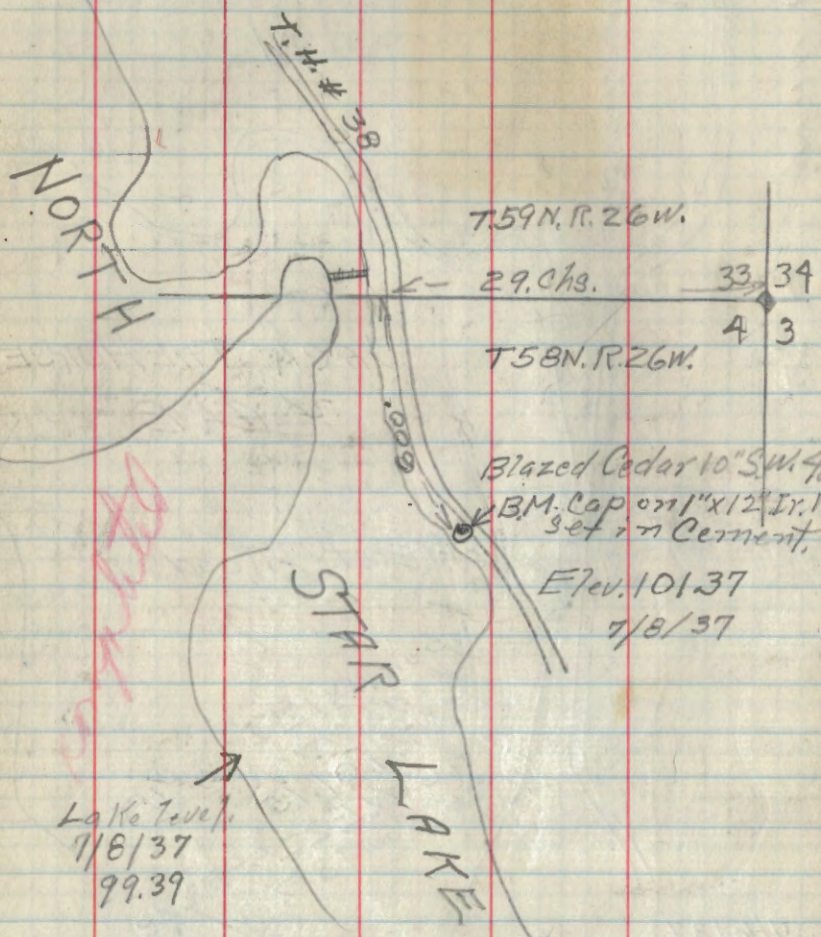
60 ft East of Road
Cap on 1" x 12" Iron Pipe
Set in Cement
Elev. 101.15
Asn 6" NE 22 ft. B702E
Aspm 6" South 3 ft.

7/6/37
JAG Jelhaug.

1250

1002
919
0.83

10220
83
10137



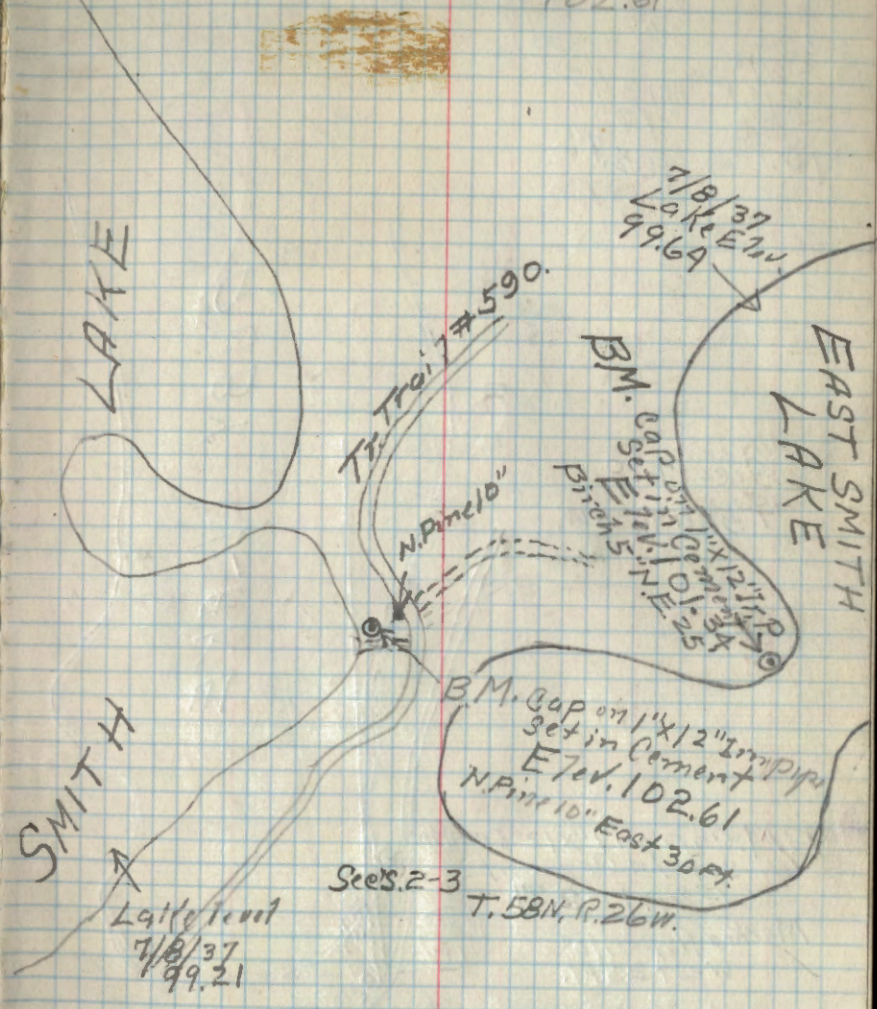
1246
855
3.91

111.10
391
107.19

1340
832
4.58

107.19
4.68
102.61

9



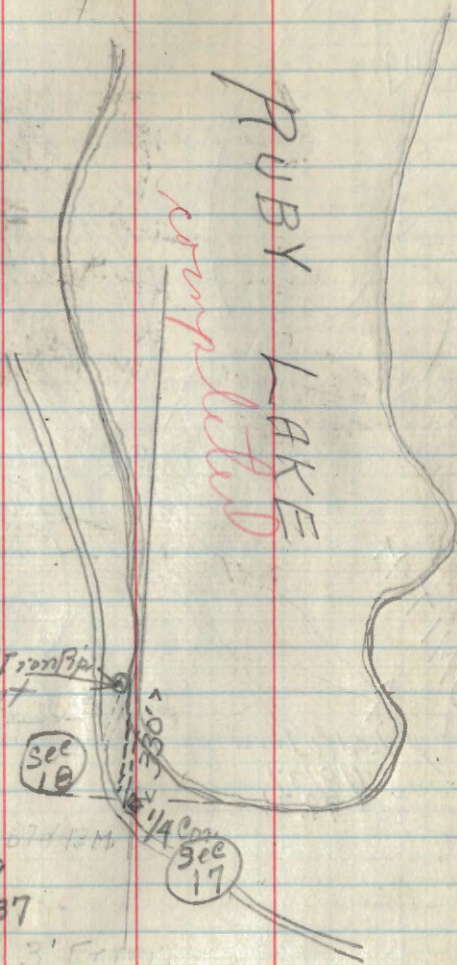
1345	1221	1174
860	864	856
3.85 ✓	3.67	3.18
3.67 ✓		
3.18 ✓	113.40	
10.70	00	
	102.70	

113.40
10.70
102.70

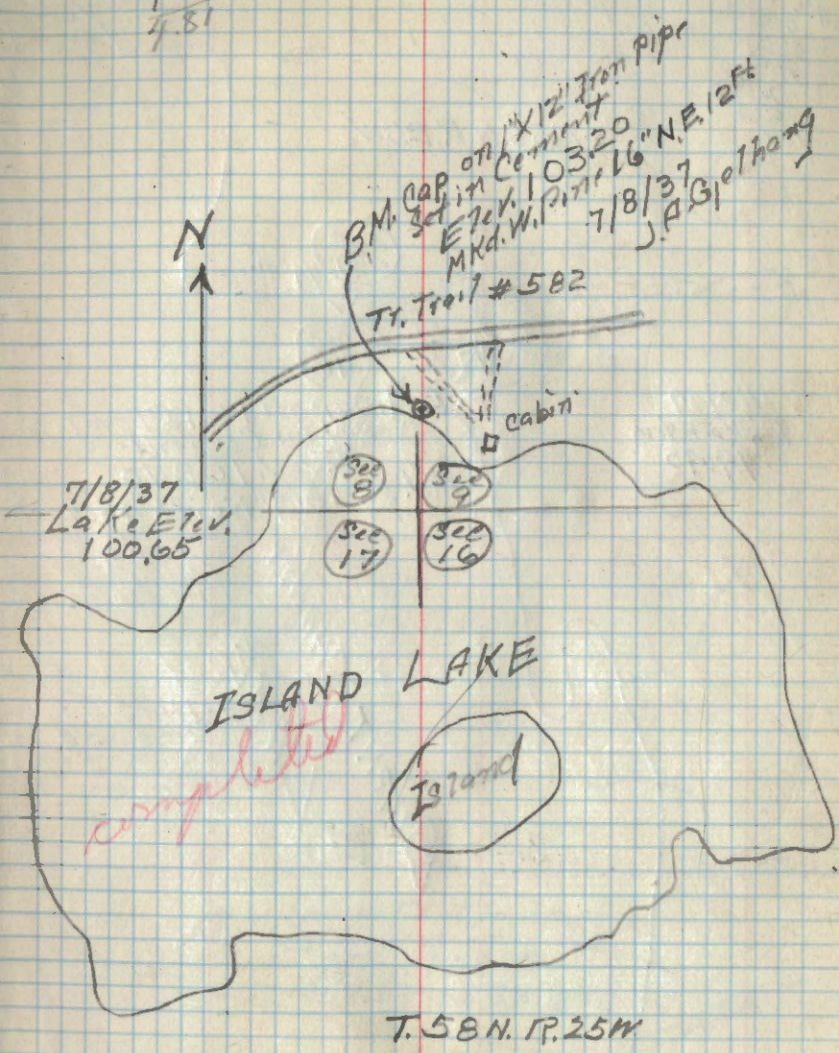
Sec-17-18
T.58N. R.25W.

B.M. Cap on 1"X12" Iron Pipe
Set in Cement
Elev. 102.79
Marked Aspm 10"
west 25 ft.

Lake Elev. 100.39
7/8/37



1232	1225	10800
866	1120	4AA
3.70	1.05	103.20
1.05		
4.81		



7/8/37
Lake Elev.
100.65

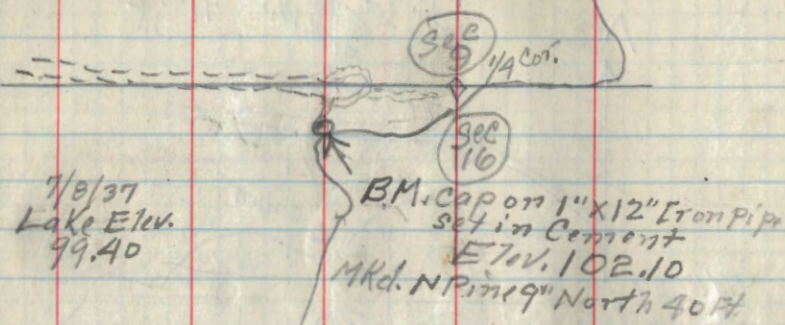
T.58N. R.25W

BURNT SHANTY LAKE

102.70
8.20
104.50
2.40
102.10

11.41
9.01
2.40

T.58N.R.25W.



7/8/37
Lake Elev.
99.40

B.M. cap on 1"X12" Iron Pipe
set in Cement
Elev. 102.10
Mkd. NP in 9" North 40 Pt

BURNT SHANTY LAKE

completed

110.60
5.90
104.70

BURROWS LAKE

Sec. 10 - T.58N. R. 25W.

7/8/37
Lake Elev.
100.10

B.M. cap on 1"X12" Iron Pipe
set in Cement
Elev. 104.70
Mkd. ASPEN 8" S.W. 12 Pt

7/8/37
JAG, Jethang

LOST MOOSE LAKE.

Tr. Trail #583

Approx. 1/4 mile

Sec 10

Sec 15

B.M.

Cap on 1" x 12" Iron Pipe
Set in Cement
Elev. 104.35
MKd. Birch 7" North 15'

LOST MOOSE
LAKE

7/9/37
J.A.G. / J. Haug

T. 58 N. R. 25 W.

completed

11.75
85.7
2.90
107.25
104.20
4.20
12.70
85.50
4.20

7/9/37
Lake Elev.
100.15

1300
870
430

OTTER LAKE.

1085
870
2.15
106.70
104.55
8.49
100.15

Sec's 23-26
T. 58 N. R. 25 W.

LAKE

B.M. Cap on 1" x 12" Iron Pipe
Set in Cement
Elev. 104.55
MKd. Birch 7" North 2 Ft.
Sec. Cor. West 36 Ft.
7/9/37
J.A.G. / J. Haug

22 23
27 26

Tr. Trail #

Elev. Cor.

7/9/37
Lake Elev.
100.15

OTTER

100.15

11.60
 8.54
 3.06
 108.30
 105.25

SAND LAKE

completed

7/9/37
 Lake Elev.
 100.85

B.M. cap on 1" x 12" iron pipe
 set in cement
 Elev. 105.25
 MKd. Cedar fence post
 2' North
 7/9/37
 JAG:elhang

Resort

Resort

Sec 22 - T58N R.25W

Sec 22
 1/4 Cor.

Tr. Trail

Sec 27

SUN RISE LAKE.

13

11.40
 9.90
 2.50
 107.80
 106.60

Sec. 21 - T58N R.25W.

7/9/37
 Lake Elev.
 100.85

B.M. cap on 1" x 12" iron pipe
 set in cement
 Elev. 105.00
 MKd. N. Pine 10' NE. 8 ft.
 7/9/37
 JAG:elhang

SUN RISE LAKE.

completed

21 22
 28 27

HANSON LAKE.

985
870
115
104 0/5
102 8/5

Sec 25-T58N.R25W.

Sec 25 1/4 Cor. Sec 30

FRING'S RESORT
Ice House
B.M. Cap on 1"X12" Iron Pipe
Set in Cement
Elev. 102.85
MKd. Aspen 6" South 74 FT
Ice House North 75 FT

7/9/37
Lake Elev.
100.50

HANSON LAKE

Completed

1100
870
230
105.90
103.60

7/9/37
Lake Elev.
100.50

Cutaway Lake

N. 50° E.
B.M. Cap on 1"X12" Iron Pipe
Set in Cement
Elev. 103.60
MKd. N. Pine 14" South 73 FT
7/9/37
J.A.B. - 7 Aug

BATEUS RESORT

Sec. 24-T58N.R25W.

25 24
26 25

CARIBOU LAKE

B.M. Cap on 1" x 12" Iron Pipe
 set in Cement
 Elev. 106.45
 MK'd Birch 4' SE, 5 FT
 7/12/37
 Elev. Lake. 100.20
 J.A.G. Jellhaug

In Sec. 9
 T58N. R. 26W.

Caribou
 Camp → □

completed

8.95
 8.80
 0.13
 106.60
 106.45

15

12.40	11.20	100.70
8.65	1.045	4.50
3.75	0.75	105.20
4.50		

In Sec 9-T, 58N. R. 26W.

514
 319

Sec Limit

Little Dead Horse Lake

CABIN.

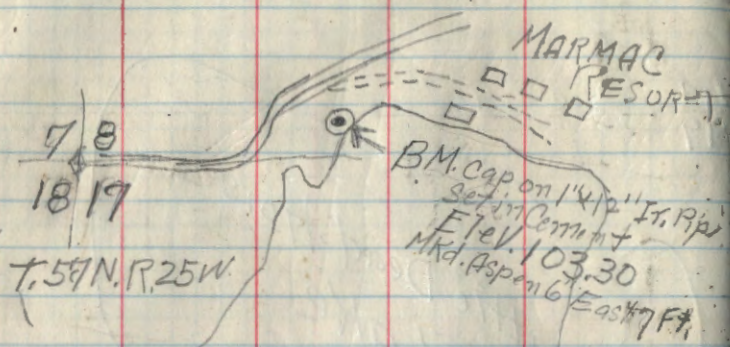
1/4 Mile

Camp
 Caribou

7/12/37
 Lake Elev. 100.70
 J.A.G. Jellhaug

B.M. Cap on 1" x 12" Iron Pipe
 set in Cement
 Elev. 105.20
 MK'd N. Pine 10' NE, 5'
 Cabin NE. 40 FT.

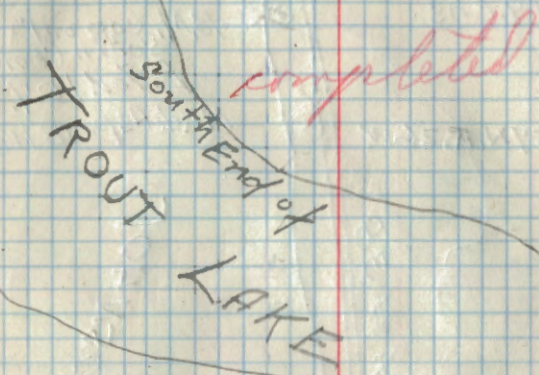
10.00
 3.60
 104.40
 103.30
 1.10
 12.50
 8.50
 3.80
 1.30
 5.20
 104.50
 99.50



7/12/37
 Lake Elev. 99.55
 JAG, et Haug

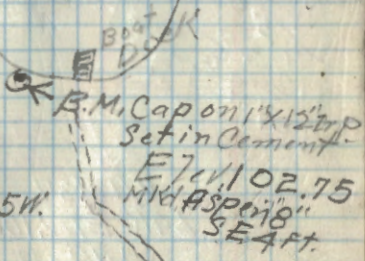
BLUEWATER LAKE

completed



7/12/37
 Lake Elev. 99.65
 JAG, et Haug

SEC. B
 T. 57N. R. 25W.



109.50
 8.65
 2.35
 105.30
 5.65
 105.30
 99.65

112.00
 8.65
 2.55
 105.30
 102.75

Bluewater Lake

1220	985
915	915
3.05	870
102.40	102.40
99.35	101.70

7/12/37
 Lake E. W. 99.35
 J.A. Bjelhaug

Completed

19.chs.
 1/4 Cor.
 T57N. R. 26W.
 B.M. Cap on 1" x 12" pipe
 Set in Cement
 Elev. 107.70
 Mk'd. Aspen 8' West 4'

1100
 1000
 20
 185
 86.5
 33.3
 2.0
 4.5
 2.0
 112.2
 107.2

88
 38
 JOHNSON
 LAKE.

7/12/37
 Lake E. W. 100.95
 J.A. Bjelhaug

1650
 975
 10675
 107.90
 100.95

11 12 Boat Dock
 14
 B.M. Cap on 1" x 12" pipe
 Set in Cement
 Elev. 101.70
 Mk'd. Aspen 5' East 5'
 Sec. Cor. N.W. 30 Ft.
 In Sec. 13
 T57N R. 27W.

ISLAND
 LAKE

11.45
~~8.80~~
 2.65
 103.35
 101.60
 1.60
 99.75

1235
~~1075~~
 160

completed

LITTLE BOWSTRING
 LAKE

7/12/37
 Lake Elev. 99.75
 J.A. Gjelhaug

In Sec. 24-T.58N.R.27W.

OLD
 Log House →

Tr. Trail #59

BM. Cop on 1" x 12"
 iron pipe
 set in Cement
 Elev 101.35
 MKd. B. of 611.9" NE 2'

23/24
 24/25

1405
~~850~~
 1.55 12.50
 103.50 8.50
 101.95 4.00
 103.50
 99.50

completed

PIKE LAKE

Sec. 13-T.58N.R.27W.

7/12/37
 Lake Elev. 99.50

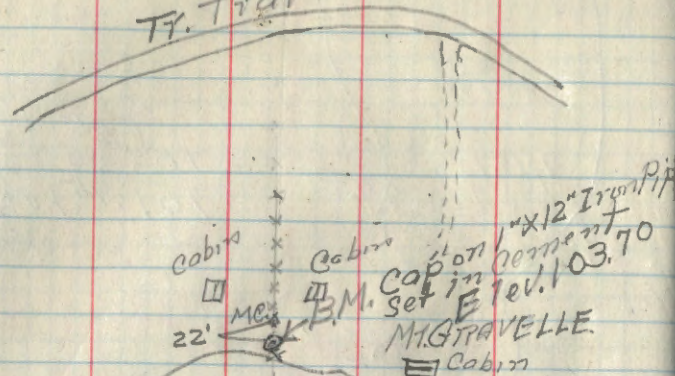
BM. Cop on 1" x 12"
 set in Cement
 Elev. 101.95
 MKd Cedar 7' North 10ft.

14/13
 23/24

WALK
 1/4 MI.

12.00
 84.0
 3.10
 103.60
 00.40
 108.6
 106.5
 2.0
 103.50
 103.70

Ty. Trail



13	18
24	19

T. 59 N. R. 26 T. 59 N. R. 25 W.

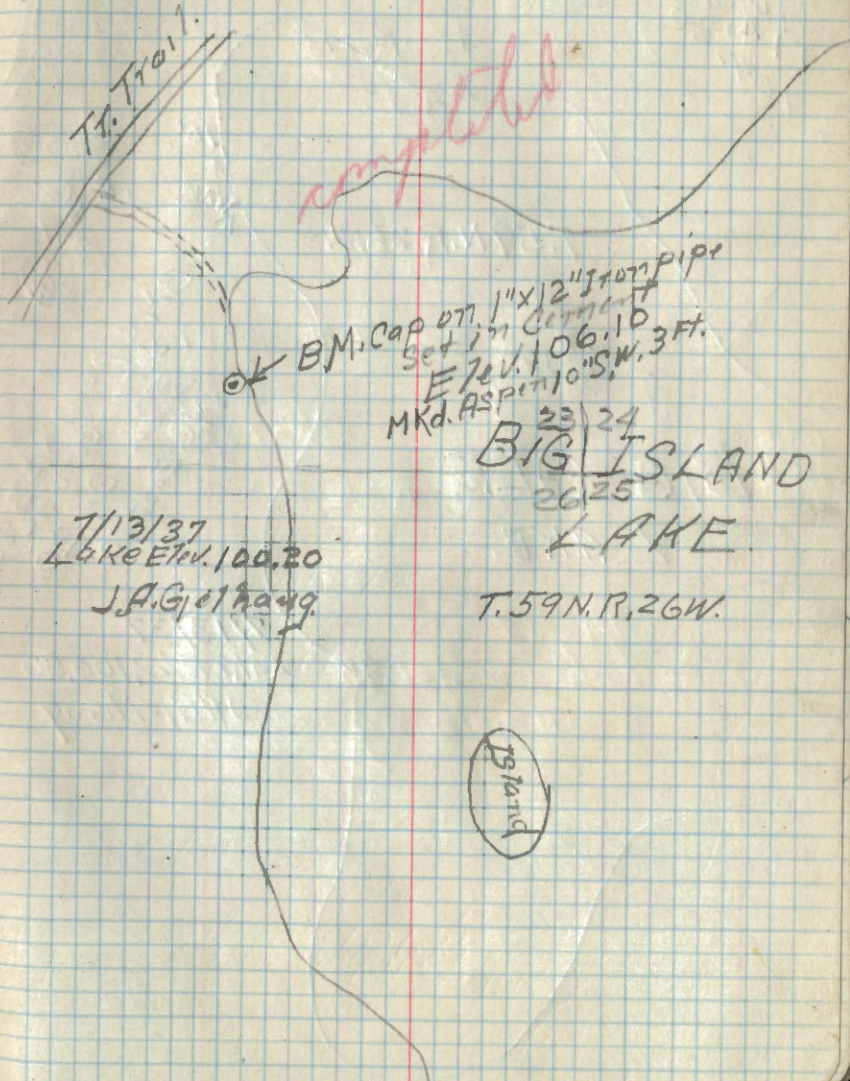
7/13/37
 LAKE ELEV. 100.40
 J.A. Gjelhaug

THREE ISLAND
 LAKE.

completed

1260 1195 1215
 950 955 865
 3.00 240 3.50
 2.40 109.60
 5.40 106.10
 106.60
 100.20

Ty. Trail



OK BM. Cap on 1" x 1/2" Iron pipe
 set in Cement
 Elev. 106.10
 MKd. ASP 10' SW, 3 FT.

23	24
26	25

BIG ISLAND
 LAKE

7/13/37
 LAKE ELEV. 100.20
 J.A. Gjelhaug

T. 59 N. R. 26 W.

Island

12 45 11 00
 9 15 8 45
~~3 50 2 05~~
 8 10 5
 2 05
 10 70
 1 14 90
 10 4 20

2 30
 1 40
~~3 20 0~~
 10 4 20
 100 80

BIG OLE LAKE

completed

T.59N.R.26W.

7/13/37
 Lake Elev. 100.80
 J.A. Gjelhaug

10'
 sec 23
 180 9/4
 sec 26
 B.M. cap on NW 1/4 Sec 26
 Elev. 100.80
 East 10.

LITTLE ISLAND LAKE 20

B.M. cap on NW 1/4 Sec 26
 Elev. 102.35
 M.W. notes B.M. is 15 NW of MC.

sec 25
 2 1/4 Cor
 sec 25

T.59N.R.26W.

completed

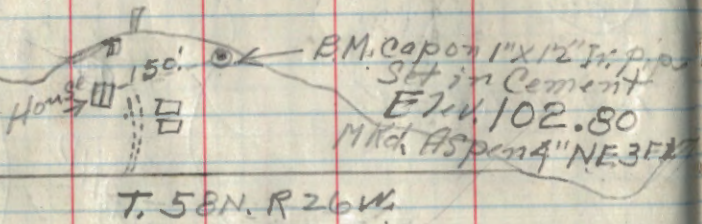
7/17/37
 Lake Elev. 100.95

24 19
 25 30

1185
 9.20
~~2.65~~
 103.95
 100.95
 100.95

DEAD HORSE LAKE

Completed

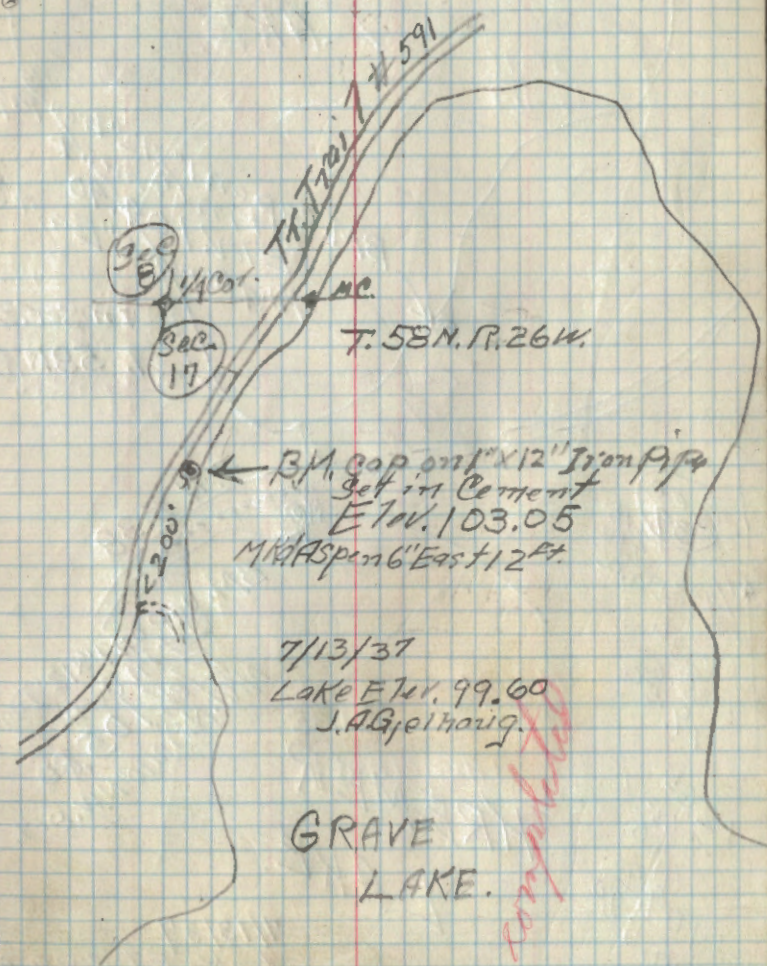


6/5
7/8

7/13/37
 Lake E.W. 100.95
 J.A. Gjeltung

95.5
 85.0
~~1.05~~
 104.10
 1.05
 103.05

1300
 850
~~450~~
 104.10
 99.60



7/13/37
 Lake E.W. 99.60
 J.A. Gjeltung

GRAVE LAKE

Completed

1145
 858
 263
 1495
 4400
 1055
 101.5

1150
 875
 275
 1750
 4.60

146
 970
 1.75

1050
 900
 150
 10590
 10440

7/13/37
 Lake Elev. 101.50
 J.A. Jethang

SURPRISE
 LAKE

BM. cap on 1" x 12" Iron pipe
 set in Cement
 Elev. 104.90
 MKd. Aspen 5" East 3 Ft.

In Sec. 34
 T. 58N, R. 26W

See
 334
 115
 910
 305
 1400
 300
 630
 105650
 99.50

12.65
 855
 4110
 10990
 10580

KREMER
 LAKE

7/13/37
 Lake Elev. 99.50

T.H. # 38
 BM. cap on 1" x 12" Iron pipe
 set in Cement
 Elev. 105.80
 MKd. N. Spruce 8 Ft.

1180
 930
 250
 10280
 10030

1100
 985
 105
 10280
 10175

In Sec. 28 - T. 58N, R. 26W

7/13/37
 LAKE Elev. 100.30
 J.A. Jethang

DAY LAKE

BM. cap on 1" x 12" Iron pipe
 set in Cement
 Elev. 101.75
 MKd. Maple 5" NE 12 Ft.

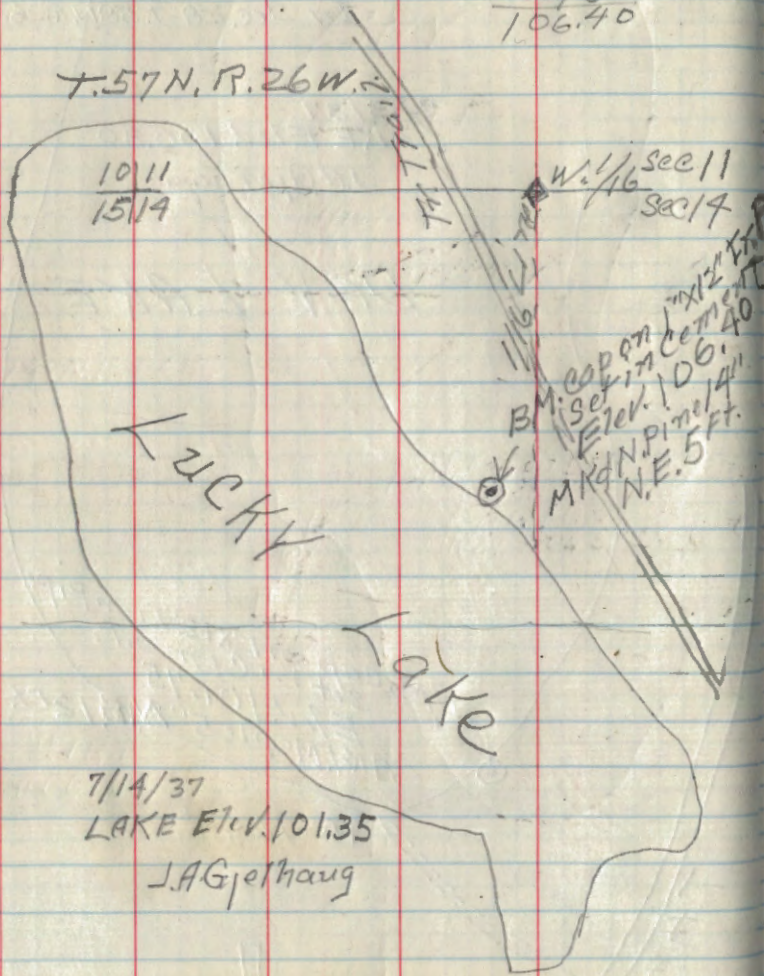
Ice House
 CCC
 CAMP

T.H. # 38

LUCKY LAKE

11.90
 8.80
 3.10
 109.50
 106.40

T. 57 N. R. 26 W.



10/11
 15/14

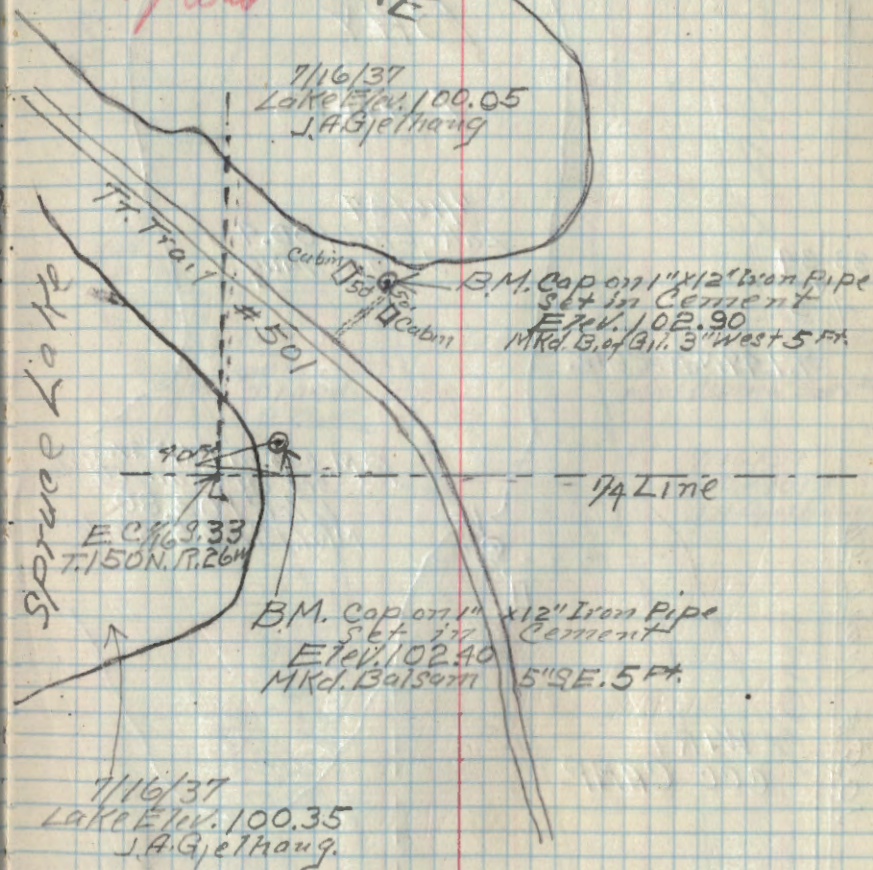
W. 1/16 sec 11
 sec 14

B.M. Cap on 1" x 12" Iron Pipe
 Set in Cement
 Elev. 106.40
 MKd. Balsam 1/4" N.E. 5 Ft.

7/14/37
 LAKE Elev. 101.35
 J.A.G. Jethaug

BEAVER LAKE

completed



7/16/37
 LAKE Elev. 100.05
 J.A.G. Jethaug

B.M. Cap on 1" x 12" Iron Pipe
 Set in Cement
 Elev. 102.90
 MKd. Balsam 3" West 5 Ft.

Elev. 90.33
 T. 150 N. R. 26 W.

B.M. Cap on 1" x 12" Iron Pipe
 Set in Cement
 Elev. 102.40
 MKd. Balsam 5" SE. 5 Ft.

7/16/37
 LAKE Elev. 100.35
 J.A.G. Jethaug.

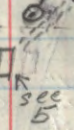
B. 15
 109.50
 101.35

BAY LAKE

7/16/37
Lake Elev. 100.4
J.A. Gjelhaug

completed

BM. cap on 1" X 12" Iron Pipe
set in Cement
Elev. 103.80
Mkd. Birch. 5" S.E. 6'



sec 5

WIRT
CCC CAMP.

T. 149N. R. 26W.

33 34
4 3

Trail # 501

LAKE

sec. A

1/4 Cor.
sec. 3
T. 149N.
R. 26W.

completed

CLEAR

BM. cap on 1" X 12" Iron Pipe
set in Cement at 1/4 Cor.
Elev. 100.85
Mkd. Birch. J.A. Gjelhaug

1/4 Line

Trail # 501

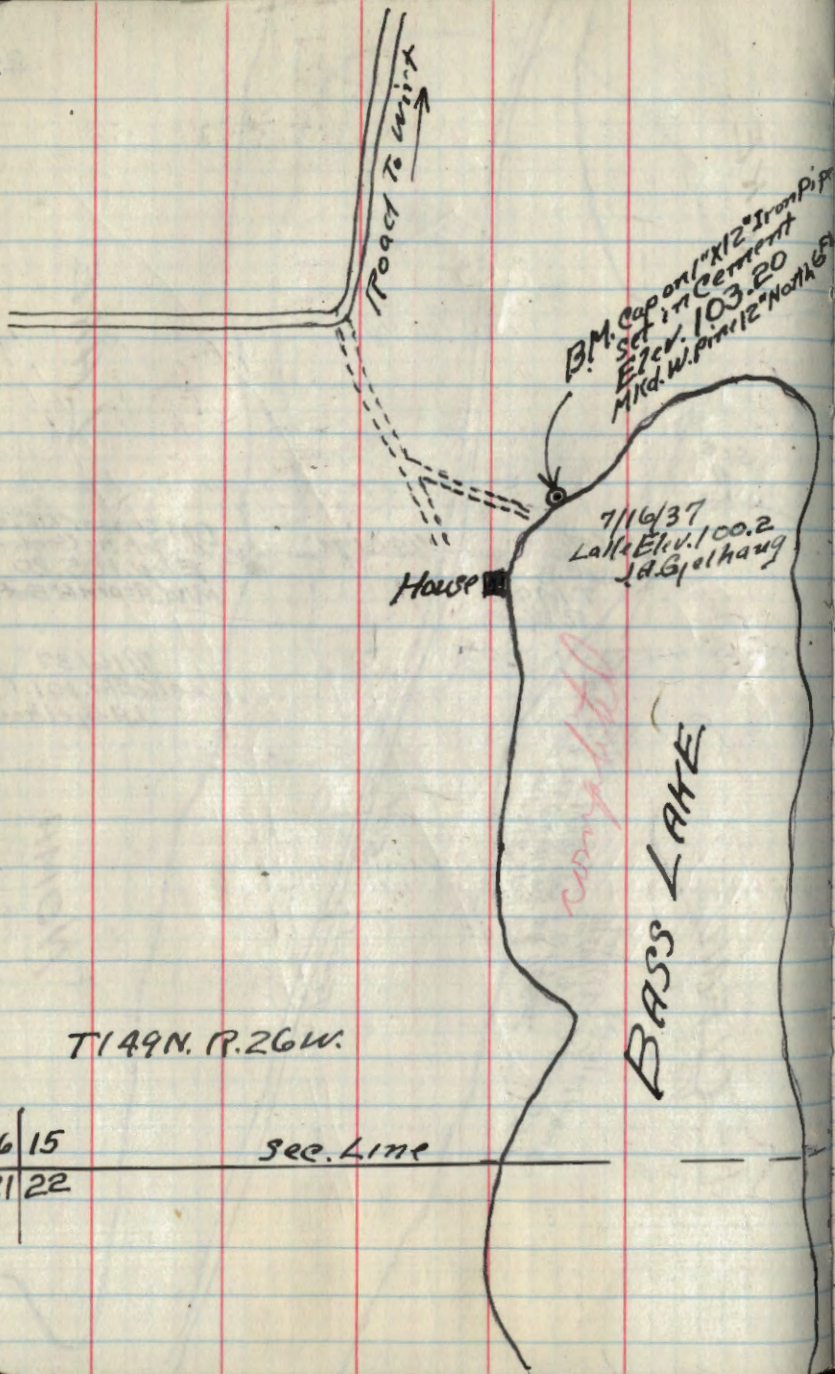
completed

LAKE

BM. cap on 1" X 12" Iron Pipe
set in Cement
Elev. 105.20
Mkd. Aspen 6" East 2'

7/16/37
Lake Elev. 101.1
J.A. Gjelhaug

NOMA



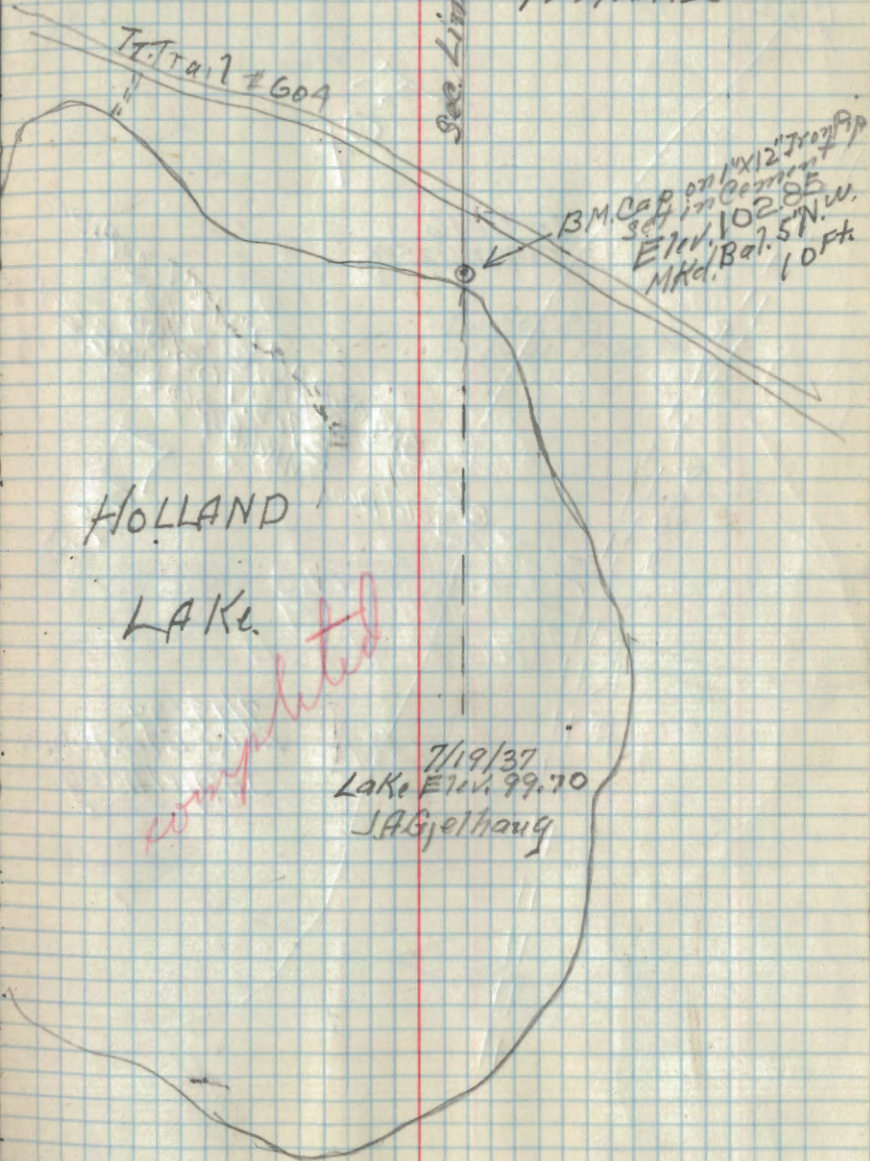
1225
 896
 5.30
 1022.70
 99.70

1045 New
 1030
 0.15
 1030.15
 102.88

89
 17 16

25

T149N R25W.



T149N. R. 26W.

16 15
 21 22

Sec. Line

HOLLAND
 LAKE.

7/19/37
 Lake Elev. 99.70
 JAGjelhaug

1215
875
3.40
103.60
100.20

1090.07
1065.00
0.25
103.60
103.85

completed

FO

In Sec. 16
T199N. R. 25W.

B.M. Cap on 1" x 1/2" Iron Pipe
Set in Cement
Elev. 103.85
MKd. ASP on 5" SE. 20'

Old Dock

LAKE

7/19/37
Lake Elev. 100.2
JAGjelhaug

310
2.65
5.75
105.40
99.70

1175
910
2.65

1105
970
1.35
105.40
104.05

T. Trail #604

In Sec. 23
T199N. R. 25W

Camp Ground

B.M. Cap on 1" x 1/2" Iron Pipe
Set in Cement
Elev. 104.05
MKd. W. Pin 10" North 4 ft.

7/19/37
Lake Elev. 99.70
JAGjelhaug

SAND

completed

LAKE

T149N. R. 26W.

Sec. Line

see 27
Est.

Farm Bldgs.

T. Train #493

see 28

B.M. Cap on 1" x 1/2" Iron Pipe
Set in Cement
Elev. 103.20
Mkd. Ash 6" S.W. 8 Ft.

7/19/37
Lake Elev. 99.8
J.A. Gjelthaug
WHITE FISH

LAKE

completed

1100
1160
600

1230
890
340
10320
9980

LAKE
HELEN.

completed

7/19/37
Lake Elev. 99.80
J.A. Gjelthaug

B.M. Cap on 1" x 1/2" Iron Pipe
Set in Cement
Elev. 101.20
Mkd. Birch 8" N.W. 11 Ft.

20/21
29/28

T149N. R. 26W.

12.45
 11.40
 1.05
 100.20
 101.25

MILDEER
 LAKE

7/19/37
 Lake Elev. 100.20

completed

BM. Cap on 1" x 12" Iron Pipe
 Set in Cement
 Elev. 101.25
 MKd. Term. 4" S.W. 46'

T. 149 N. R. 26 W.

22	23
27	26

T. 149 N. R. 25 W.

completed

BM. Cap on 1" x 12" Iron Pipe
 Set in Cement
 Elev. 103.70
 MKd. ASPen. 8" SE. 16 Ft.

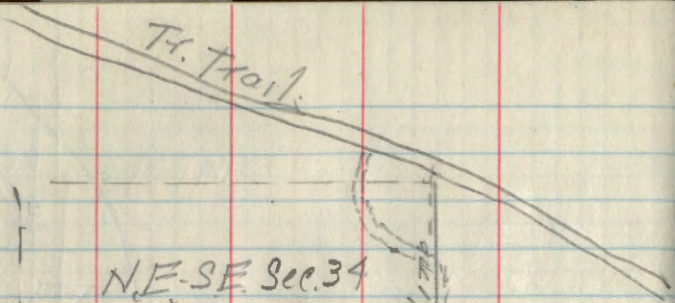
7/19/37
 Lake Elev. 100.60
 JAB, Jhang

EAST
 LAKE

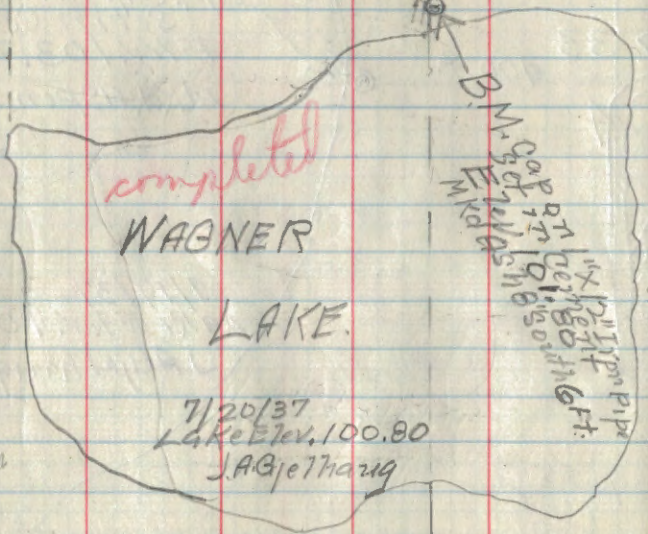
32 33 400 FT.

Road

1486 - New
 915.014
 1.70
 106.40
 103.70



NE-SE Sec. 34
T.150N. R. 28W.

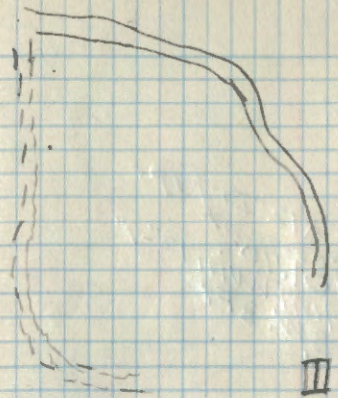


completed
WAGNER
LAKE.

7/20/37
Lake Elev. 100.80
J.A.G. Jethrang

1170 lat
9500 24/13M
- 2.20
103.00
12080

1070 New
950
- 1.20
103.00
101.80

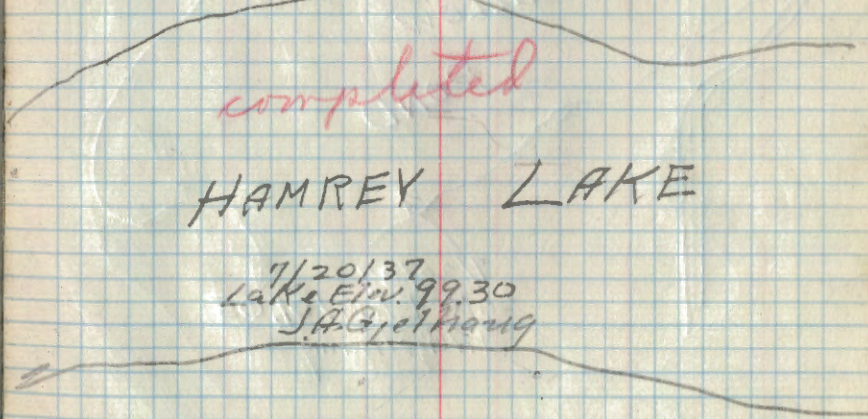


Log House

17

see 17
T.149N. R. 28W.

B.M. cap on 1" x 12" J.T. Pipe
Set in cement
Elev. 100.55
Mike Balsam 7" West 21'



completed
HAMREY LAKE

7/20/37
Lake Elev. 99.30
J.A.G. Jethrang

103.00
3.70
99.30

1200
1075
- 1.25
199.30
100.55

31 32
6 5

T. 150 N. R. 28 W.

T. H. # 46

T. 149 N. 28 W.

B.M. cap on 1" x 12" Iron pipe
set in cement
Elev. 101.70
Mkd. B. of 6" x 12" x 9"
S.W. 3 Ft.

completed

SHALLOW
POND

7/20/37
Lake Elev. 101.05
JABjethang

1495
1035
1.00
102.05
101.05

1130
1035
95
10265
10170

30

19 20

30 29

T. 150 N. R. 28 W.

T. H. # 46

B.M. cap on 1" x 12" Iron pipe
set in cement
Elev. 101.05
Mkd. B. of 6" x 12" x 9" South 20 Ft.

55 Ft.

7/20/37
Lake Elev. 99.65
JABjethang

MUD
LAKE

completed

1085
1955
130
10235
10105
10235
270
9965

ISLAND

LAKE

completed

7/20/37
Lake Elev. 101.05
J.A. Gjelhaug250 ft. B.M. cap on 1" x 12" Iron pipe
Set in cement
Elev. 104.05
MKD. W. pipe 18"
South 6 ft.

T150N. R28W.

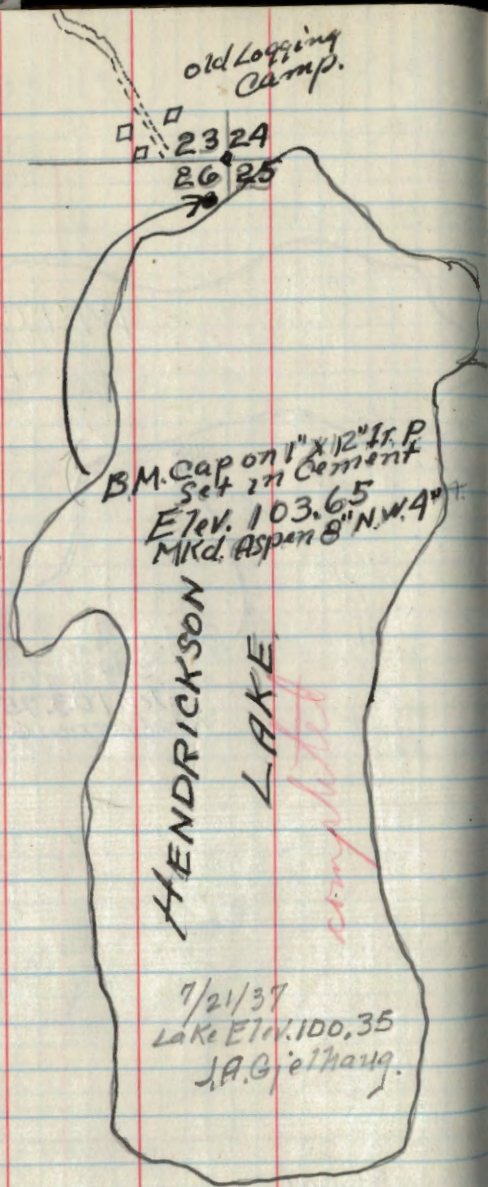
Road

1/16 - Lin

Center
-20-
$$\begin{array}{r} 1100 \\ 925 \\ \hline 175 \\ 105.80 \\ \hline 104.05 \end{array}$$

$$\begin{array}{r} 1220 \\ 920 \\ \hline 300 \\ 109.05 \\ \hline 101.05 \end{array}$$
WELCH
LAKE.7/21/37
Lake Elev. 100.20
J.A. GjelhaugB.M. cap on 1" x 12" Iron pipe
Set in cement
Elev. 103.75
MKD. Aspen 6" south 16 ft.SEC. 14
T150N. R. 28W.Farm
Bldgs.Johnson
Farm.

T.150N.R.28W.



B.M. Cap on 1" x 12" Fr. P.
Set in Cement
Elev. 103.65
Mkd. Aspen 8" N.W. 4"

7/21/37
Lake Elev. 100.35
J.A. Gjelhaug.

MOOSE LAKE

7/21/37
Lake Elev. 100.90
J.A. Gjelhaug.

completed

T.150N.R.28W.

7 8
18 17

1/10 Line

B.M. Cap on 1" x 12" Fr. P.
Set in Cement
Elev. 102.60
Mkd. Cedar 12"
North 3 Ft.

----- 17 -----

T150N. R. 27W.

Truck Trail.

BM. Cap on 1" x 12" Iron Pipe
Set in Cement
Elev. 103.00
Mkd. Birch 8"
SW. 4 Ft.
50 Ft W. of
1/4 line

SMITH
LAKE

completed

7/21/37
Lake Elev. 100.40
J.A. Gjelhaug.

Tr. Trail

BM. Cap on 1" x 12" Iron Pipe
Set in Cement
Elev. 102.25
Mkd. Tam. 5" North 8 Ft.

MITT

see 10
100 Ft.
1/4 Cor.
Sec.
21

T150N. R. 27W.

7/21/37
Lake Elev. 100.80
J.A. Gjelhaug.

completed

LAKE

GLOVE LAKE

7/22/37
Lake Elev. 100.30
J.A. Gjølhaug

Completed

T. Trail

B.M. Cap on 1" x 12" Ir. Pipe
Set in Cement
Elev. 104.88
Mkd. Birch 12" N.E. 12 Ft.

21 22
28 27

T. 150 N. R. 27 W.

T. 150 N. R. 27 W.

T. Trail

B.M. Cap on 1" x 12" Ir. Pipe
Set in Cement
Elev. 102.70
Mkd. Spruce 10"
North 10 Ft.

7/22/37
Lake Elev. 100.80
J.A. Gjølhaug

⊠ Cabin

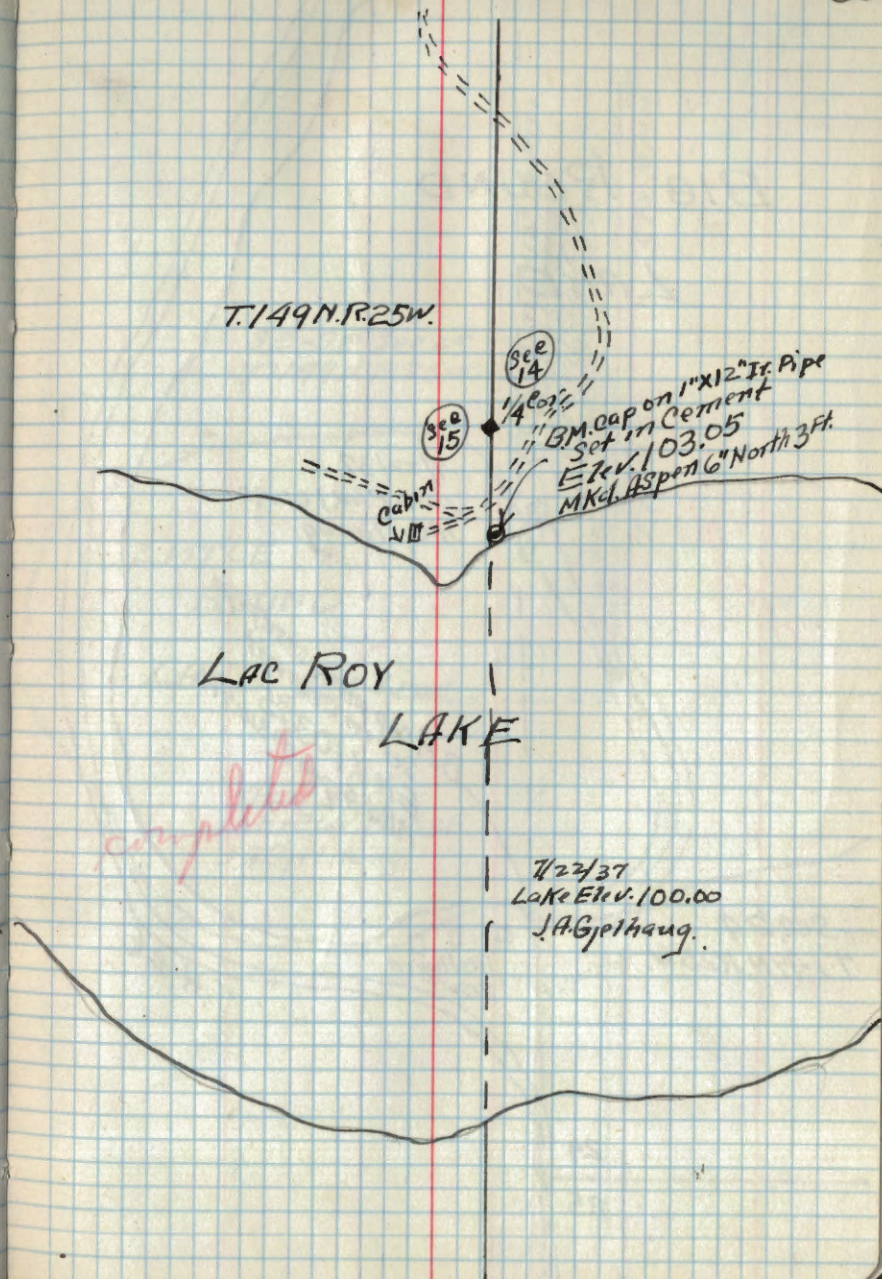
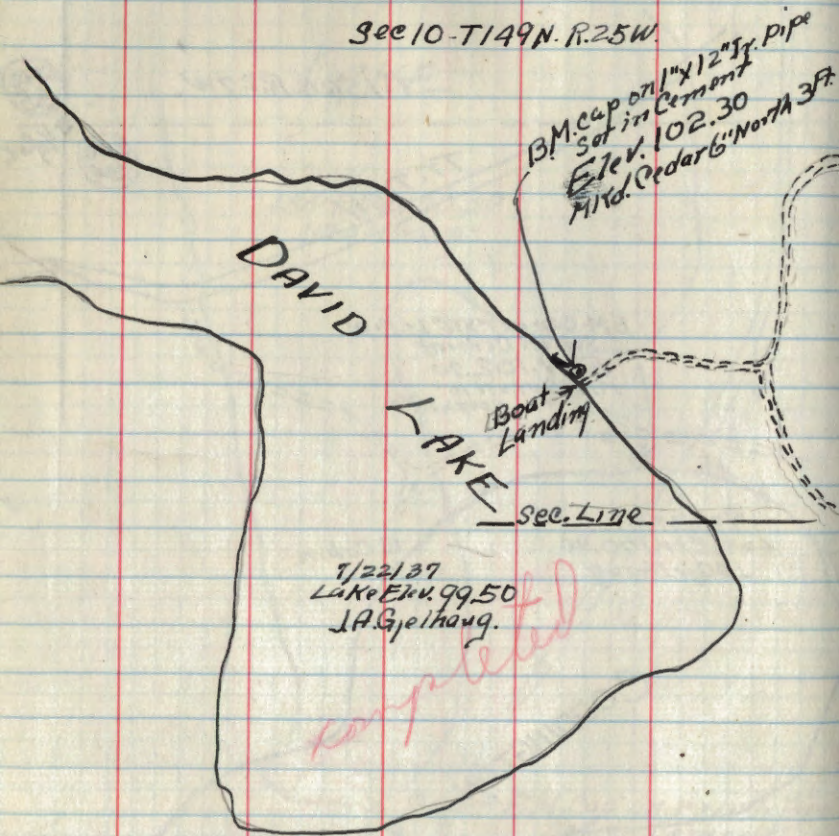
CODDINGTON LAKE

Completed

Sec 34

Sec 35

1/4 Cor.



BIG ROUND

LAKE

completed

5th P. Mer.

7/22/37
Lake Elev. 100.40
JAGjelhaug.

B.M. cap on 1" x 12" ft. Pipe
Set in Cement
Elev. 103.25
Mkd. Aspen 7" SW. 9 FT.

Sec. 24
T149N. R25W.

Resthaven
Resort

T.H. #6

24
25

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

LITTLE
ROUND

LAKE *completed*
~~SEE LINE~~

7/22/37
Lake Elev. 100.35
JAGjelhaug.

B.M. cap on 1" x 12" ft. Pipe
Set in Cement
Elev. 102.05
10 FT. West of Sec. Line

5th P. Mer.
T.H. #6

LONG
LAKE

completed

7/22/37
Lake Elev. 100.35
J.A. Gehring

T.M. #6

B.M. Cap on 1" x 12 1/2" Pipe
Elev. 101.55
Mkd. Birch 5" North 20 Ft.

In Sec. 1
T. 148 N. R. 25 W.

CROOKED
LAKE

completed



B.M. in Elm
Spike
Elev. 104.00

SW 1/4 Sec. 35
T. 149 N. R. 25 W.

LAKE.
INGVADONA

8/19/37
Lake Elev. 100.75
J.A. Bjelhaug

BM. Cap on 1" x 12" Iron Pipe
Set in Cement
Elev. 102.90
SE. Cor. of LA. Spooner's
Cabin bears 1-
N. 78° W. 79 ft.

To Longville

Sec. 32 T. 141 N. R. 27 W.
Sec. 5 T. 140 N. R. 27 W.

Sec 33
Sec 5
Sec 4

LAURA
LAKE

BM. Cap on 1" x 12" Iron Pipe
Set in Cement
Elev. 101.35
NE Corner of first Cabin
bears 1- S. 15° W. 101 ft.

HUNTING
LODGE

8/19/37
Lake Elev. 99.50
J.A. Bjelhaug

private road

N.

Sec. Line

Sec. 6
T. 140 N. R. 26 W. | Sec. 5



8/19/37
Lake Elev. 100.05
J.A. Gjelhaug

Highway No. 6.

B.M. Cap on 1" x 12" Iron Pipe
Set in Cement
Elev. 101.20
350 Ft. East of Highway No. 6

Sec. 27

Sec. 34
T. 141 N. R. 26 W.

BIG RICE LAKE

Completed

BIG SAND LAKE

T. 142 N. R. 26 W.

Dr. Lyman's Home

Sec 34

1/4 Cor.

Sec 3

B.M. Cap on 1" x 12" Iron Pipe
Set in Cement
Elev. 104.75
Old Fire place bears 1-
N. 13° E. 128 Ft.

8/19/37
Lake Elev. 100.50
J.A. Gjelhaug.

WILSON LAKE.

8/19/37
Lake Elev. 101.00
J.A. Gjelhang.

B.M. Cap on 1" x 12" Iron Pipe
Set in Cement
Elev. 102.30
Marked Turn 26" west 22 ft.

Sec. Line

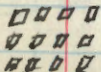
Sec 26

Sec 25

T. 142 N. R. 26 W.



See Camp.



104.40
05
104.35

275
270
5.05

40

KNIGHT
LAKE.

T. 142 N. R. 26 W.

14 13
23 24

Abandoned
HOUSE



Cap on 1" x 12" Iron Pipe
Set in Cement
Elev. 104.35
Marked N. Pin 12" N.W. 63 ft.

Completed

8/20/37
Lake Elev. 100.35

J.A. Gjelhang

104.40
4.00
100.40

Lower Milton
Lake

UPPER
MILTON
LAKE

8/20/37
Lake Elev. 99.90
J.A. Gjeltrang

Trail
old #6

BM. Cap on 1" x 12" Iron Pipe
Set in Cement
Elev. 104.60
Mkd. Birch 7" SW, 2 Ft.
N P 171 x 24" S 25" W 80 FT.

170
175
103.45

365
190
1.75

41

old #6

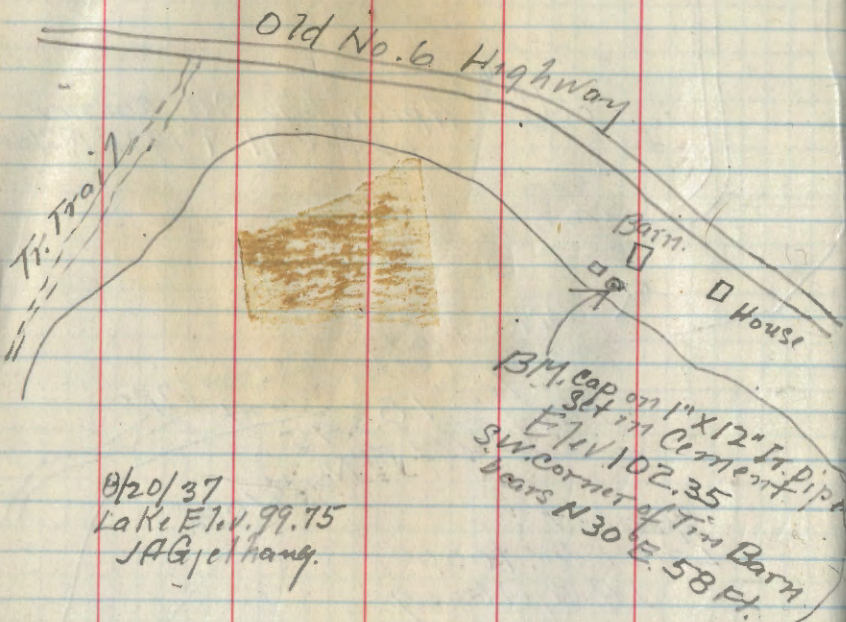
Approx the SW corner
of Sec. 11 T142N R26W

State Highway No. 6

BM. Cap on 1" x 12" Iron Pipe
Set in Cement
Elev. 103.45
Mkd. Elm 5" North, 10 Ft.

8/20/37
Lake Elev. 100.00
J.A. Gjeltrang

GRAVE LAKE.



8/20/37
Lake Elev. 99.75
JAGjelhang.

VERMILLION
LAKE.

In Sec. 20.
T143N. R. 25W.

285
25
2.60
107
101.40

LONG LAKE
SEC. 18

8/20/37
Lake Elev. 100.00
JAGjelhang

B.M. Cap on 1" x 12" Ir. Pipe
Set in Cement
Elev. 101.40
N.W. Corner of Log Cabin
Bears 546' E. 80' Ft.

In the West-part
of Sec. 18, T. 142N. R. 25W

WILLOW LAKE

BM Cap on 1" x 12" Iron Pipe
Set in Cement
Elev. 104.10
Marked Cedar 9" S.W. 4 Ft.
The BM is located where
the Highway is only 75 Ft
from Lake.

8/20/37
Lake Elev. 100.00
used this as base;
no BM. mkd.
JAG Jelhang

In the East part of
Sec. 36 T 143 N. R. 25 W.

103.50
290
100.60

1040
960
80

103.50
80
102.70

43

Poplar Grove
Camp

Top of coupling of Iron Pipe 1" x 10"
Set in Cement.
Elev. 102.70
SE. Cor. of Camp Cabin
N. 70° W.
Triple Elm 7" S.E. 8 Ft.

LITTLE
VERMILION LAKE

9/20/37
Lake Elev. 100.60
JAG Jelhang

In the East part of Sec. 21
T 143 N. R. 25 W.

SKUNK LAKE

9/20/37
Lake Elev. 100.90
JAG Jelhang

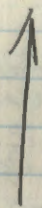
In the NE 1/4
Sec. 23
T 143 N. R. 25 W.

Approx 1 MILE

BM. Top of Iron Pipe
1" x 12" set in Cement
Elev. 102.80
MKd. Birch 10" Groth on
Bottom. South 1.12 Ft

1170
980
190
102.80

N.



In the SW 1/4 Sec. 33
T143N R.25W

SUGAR LAKE

Byram's
Resort

Boat
Landing

9/20/37
Lake Elev. 101.50
JAB, Jethang

B.M. Top of Iron Pipe
1" x 1 1/2" Set in Cement
Elev. 106.70
10ft. SW of lower
end of steps leading
to Boat Landing

completed

EAST TWIN
LAKE

9/21/37
Lake Elev. 100.10
JAB, Jethang

Sec Line

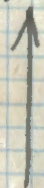
B.M. Top of Iron Pipe 1" x 1 1/2"
Set in Cement
Elev. 104.60
E 7m 9" South 75 ft.
on Sec. Line
T.141N. R.27W.

14/13
23/24

In the SW 1/4 Sec. 13
T141N. R.27W.

B.M. Top of Iron Pipe 1" x 1 1/2"
Set in Cement
Elev. 105.30
MKd. Elev. 101.16 "NW 1/4"

N



Sec Line

WAX LAKE

9/21/37
Lake Elev. 101.40
JAB, Jethang

102.30
102.20
102.10
102.00
101.90
101.80
101.70
101.60
101.50
101.40
101.30
101.20
101.10
101.00

N



44

Truck Trail

470
320
150

In the S W 1/4 Sec 28
T142N. R. 27W.

B.M. Top of Jr. Pipe
1" x 12" set in Cement
Elev. 105.30
N. Pipe 10"
North. 5 Ft

PORTAGE LAKE
9/21/37
Lake Elev. 100.10
JAG, Olthang

Old School House

T142N. R. 27W

B.M. Top of Iron Pipe, 1" x 12"
set in Cement
Elev. 104.20
1 Ft East of MC
Twin Elm. 7" S.W. 10 Ft.

Sec 29

Sec. Line

LOMISH LAKE.

9/21/37
Lake Elev. 100.00
JAG, Olthang

MC. Brass Cap
Iron Pipe

1125
1045
280
425

T141N. R. 27W

Sec 2
Sec 11

Sec. Line

Camp Ground

MABEL LAKE
9/21/37
Lake Elev. 101.90

B.M. Top of Iron Pipe, 1" x 12"
set in Cement
Elev. 105.60
Fireplace S.E. 115 Ft.

In the NW 1/4 Sec 8
T141N. R. 25W.

B.M. Top of Jr. Pipe 1" x 12"
set in Cement
Elev. 103.00
MKd. Elm 12" South
12 Ft.

BIRCH LAKE

9/21/37
Lake Elev. 101.70
JAG, Olthang.

Boat Landing

4 50
1110
1040

xxxxxx

□ □ Farm Bldgs.

LOWER MILTON LAKE

9/22/37
Lake Elev. 100.40
JAG:Thang

completed

Boat Dock

In the SW 1/4
Sec. 2
T142N. R. 26W.

BM. Top of Iron Pipe 1" x 12"
Set in Cement
Elev. 103.40
Elev. 14" South 6 Ft.

In Sec. 3
T142N. R. 26W.

BM. Top of Iron Pipe 1" x 12"
Set in Cement
Elev. 104.10
Spring is East 65 Ft.

TIDD LAKE

9/22/37
Lake Elev. 101.10
JAG:Thang

180
370
5.60

670
560
110

N
↑

1180
1060
120

570
330
690

820
690

101.30 Lake

46

LITTLE SAND LAKE

9/22/37
Lake Elev. 101.30
JAG:Thang

completed

BM. Top of Iron Pipe 1" x 12"
Set in Cement
Elev. 106.20
Leaning N. Pipe 18"
South 12 Ft.

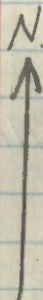
In Sec. 28
T142N. R. 26W.

260

1225
995
230
2260
1140

130
490
10620

SH. #96



In the NE-NW
Sec. 20 - T148N. R. 27W

completed
SQUAW

LAKE

1" x 12" Iron pipe
Cement

BM. Cap on
set
Elev. 104.50
Mk'd. Elm 12" East 4ft

8/25/37
Lake Elev. 101.50
J.A. Bjelhang

T. 148N. R. 28W

47

54
819

DUNBAR
SCHOOL.

Farm
Bldgs.

BM. Cap on 1" x 12" Iron pipe
Set in Cement
Elev. 102.40
Mk'd. Elm 18" South 10ft.

completed

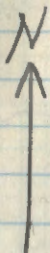
DUNBAR

LAKE

8/25/37
Lake Elev. 100.35
J.A. Bjelhang



ROUND LAKE



Completed

8/25/37
Lake Elev. 100.50
J.A.G. Johang

B.M. Cap on 1" x 12" Iron Pipe
Set in Cement
Elev. 102.90
S.W. Corner of Log Cabin
N. 75° E 115. Ft.

In Lot 1 - Sec. 29
T. 148 N. R. 27 W.

Log Cabin

25
1/4 Sect Road

36

T. 148 N. R. 29 W.

RUDQUIST
RESORT

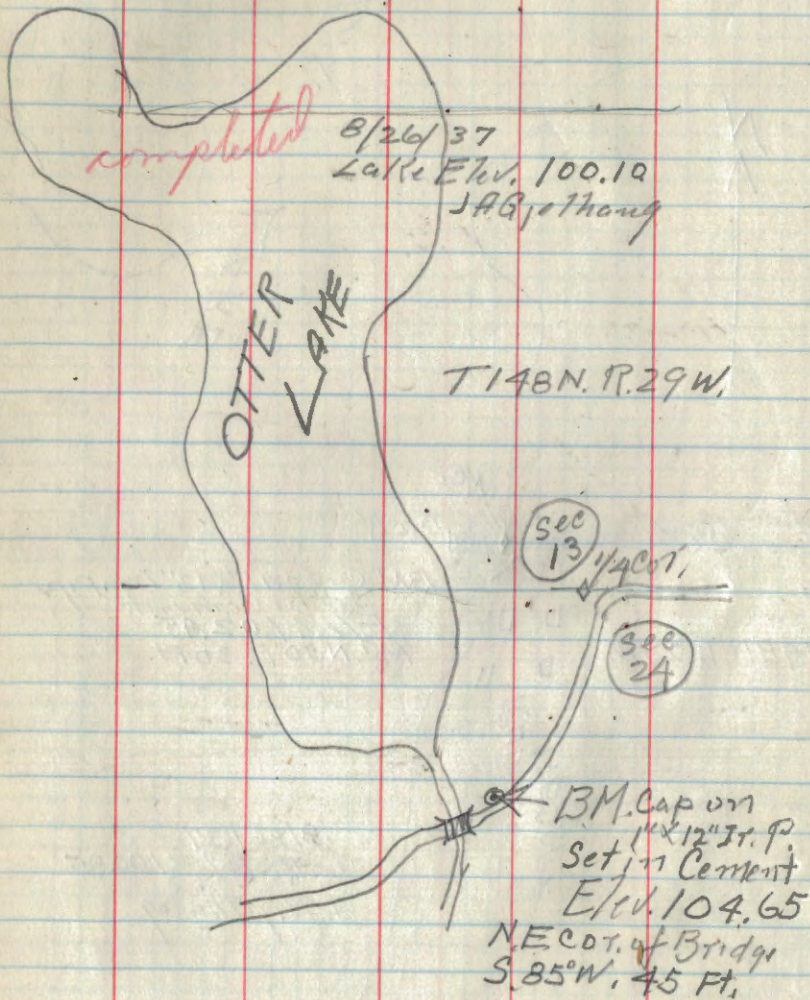
B.M. Cap on 1" x 12" Iron Pipe
Set in Cement
Elev. 102.95
MC. N. 50° E. 30 Ft.

8/26/37
Lake Elev. 100.85
J.A.G. Johang

DIXON LAKE



Completed



1/4 cor. sec 9
T. 147 N. R. 27 W

8/26/37
Lake Elev. 98.90
J.A. Gjelhaug

completed

GREELEY
LAKE

B.M. cap on 1" X 12" Iron Pipe
Set in Cement
Elev. 104.00
MK'd. W. Pipe 16"
East 38 Ft.

T. Trail

completed

T. Trail

B.M. cap on 1" X 12" Iron Pipe
Set in Cement
Elev. 104.95
MK'd. Birch 48" N 20° E.
15 Ft.

Bi-Aus-Wah
LAKE

8/26/37
Lake Elev. 100.50
J.A. Gjelhaug

Sec 8

Sec 9

1/4 Cor.

T. 147 N. R. 27 W.

↑ TO FARLEY L.O.

1/4 #9
Sec. 8

T. 147N. R. 27W

B.M. Cap on 1" x 1/2" Ir. Pipe
Set in Cement
Elev. 103.60

Mkd. Cedar 6" East 28° E

completed

MOSAMO
LAKE

8/26/37
Lake Elev. 99.70
J.A. Bjelhang

51

8/27/37
Lake Elev. 100.05
J.A. Bjelhang

ONE LOAF
LAKE

completed

B.M. Cap on 1" x 1/2" Ir. Pipe
Set in Cement
Elev. 105.30

Mkd. Twp. 6° 36' 0" E
8 ft.

In Sec. 31
T. 148N. R. 27W.

Round Log
Ranger Sta.

T. Trail

25 | 30

36 | 31 T. 148 N. R. 27 W.

8/27/37
Lake Elev. 100.85
J.A. Gjelhaug

LAKE ALICE

completed

BM cap on 1" x 12" Ir. Pipe
Set in Cement
Elev. 103.40
N.W. cor. post of Lot
S. 10° E. 16 ft.

Note: Take Fire Trail
1/8 mile West of Round
Lake RS. and follow
in a N.E. direction
about 3/4 mile.

Summer Home

52

DRY CREEK
LAKE

8/27/37
Lake Elev. 100.80
J.A. Gjelhaug

completed

BM cap on 1" x 12" Ir. Pipe
Set in Cement
Elev. 104.05
2-W. Pipe sapplings
10 Ft. West of BM
Tr. Trail.

In Sec. 22
T 147 N. R. 27 W.

Public Camp Grounds.

BM cap on 1" x 12" Ir. Pipe
Set in Cement
Elev. 105.65
Pump on Camp Gr.
bears N. 10° E. 70 ft.
Twin birch 79" N.W. 10 ft.

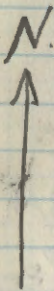
completed

CUT-FOOT-SIOUX
LAKE

8/27/37
Lake Elev. 103.20
J.A. Gjelhaug

old R.R.
Grady.

Fire Trail.



In Sec. 4
T.147N. R.28W

Fire Trail

CM Culv.

TANK LAKE

completed

8/27/37
Lake Elev. 101.60
JAG Jelhang

BM cap on 1 1/2" iron pipe
set in cement
Elev. 102.80
54 ft. South of Culvert
and 8 ft. West of Road.

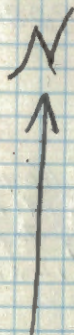
completed

AH-MIK
LAKE.

In Sec. 15
T.147N. R.27W

8/27/37
Lake Elev. 100.00
JAG Jelhang

Fireway #1
1/8 Mile



DAM

BM cap on 1 1/2" iron pipe
set in cement
Elev. 101.90
MKd. J. P. 10"
South 6 ft.

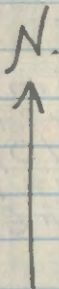
UPPER PIGEON
LAKE.

8/30/37
Lake Elev. 100.90
J.A. Gjelhang

BM. Cap on 1" x 12" Tr. P.
Set in Cement
Elev. 102.10
MKd. W. Oak 9" East 28 Ft.

In Sec. 36
T. 148 N. R. 28 W.

Go west of Round
Lake R.S. 0.55 Miles
Thence Trail to left
in a SW direction
to Lake.



completed



Tr. Trail

3631
16

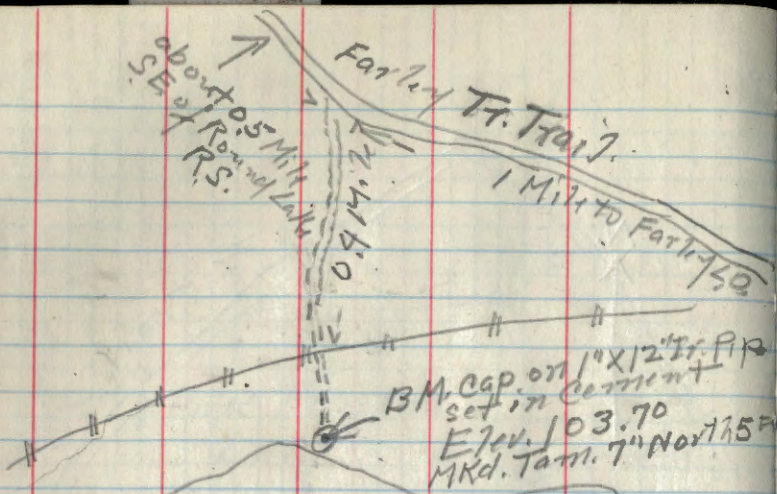
BM. Cap on 1" x 12" Iron Pipe
Set in Cement
Elev. 102.80
N. Pipe 22" North 45 Ft.

Middl Pidgeon
LAKE.

8/31/37
Lake Elev.
J.A. Gjelhang

Sec. 1.
T. 147 N. R. 28 W.

completed

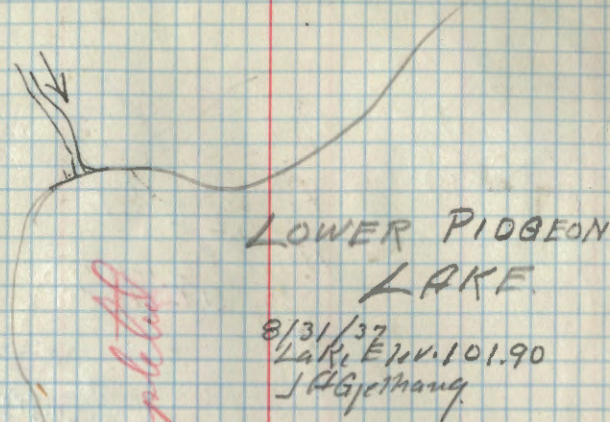
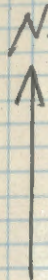


WART LAKE

completed

8/30/37
Lake Elev. 100.90
JAG Jethaug.

In Sec. 6. T147N. R27W.



LOWER PIGEON LAKE

8/31/37
Lake Elev. 101.90
JAG Jethaug.

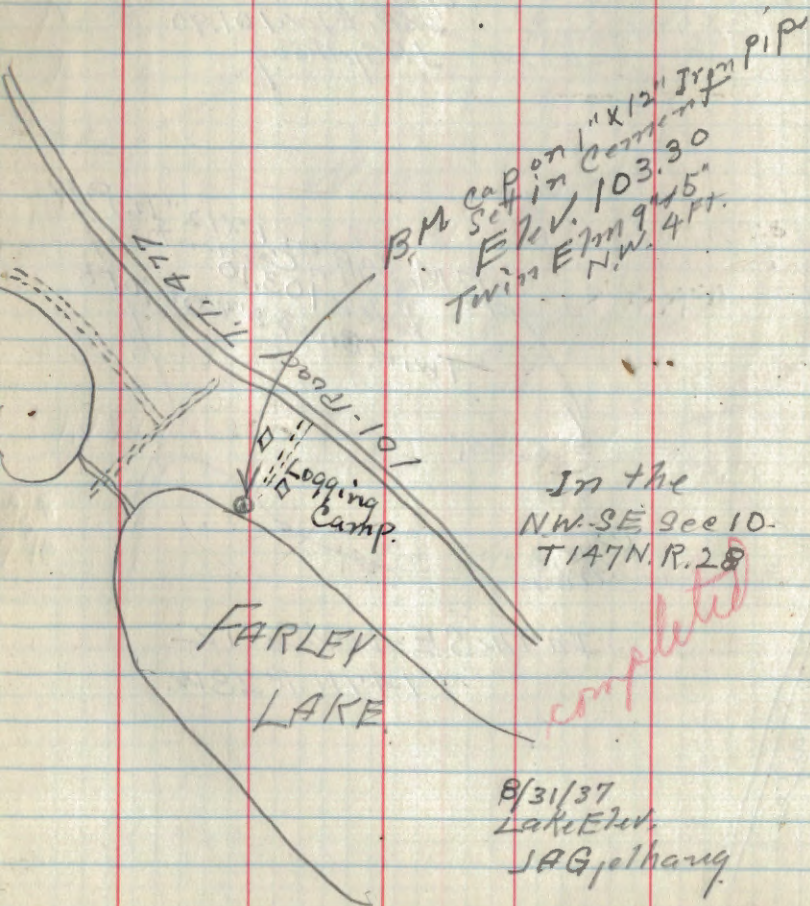
B.M. cap on 1" x 12" Tr. Pipe
set in Cement
Elev. 103.10
Twin Birch 8" West 90 FT

Dock

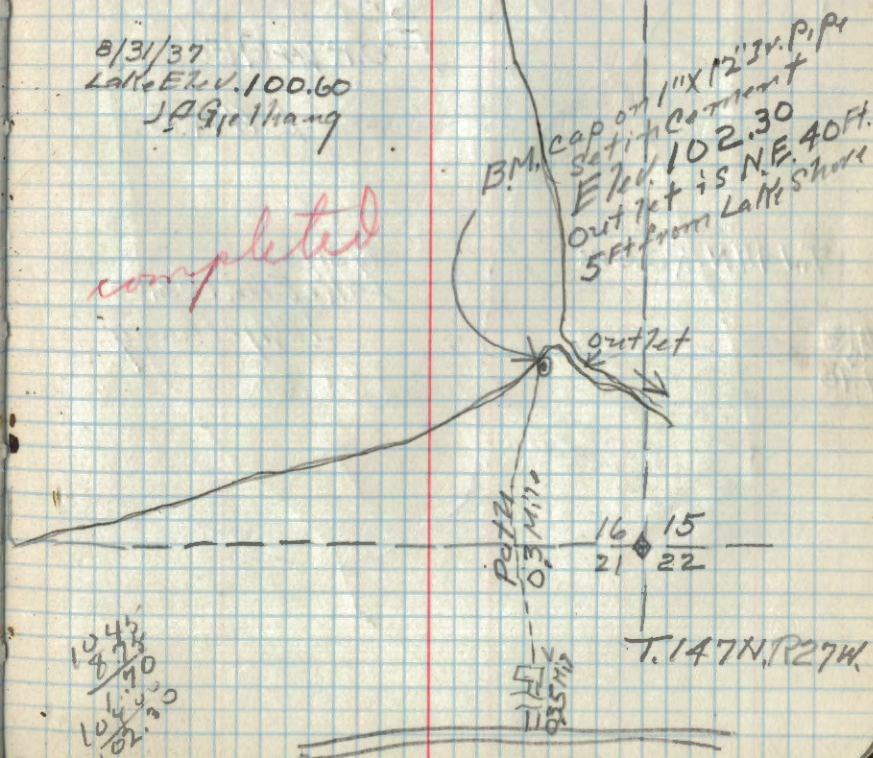
Camp Ground

In the SE-NW. Sec 12
T147N. R28W.

Tr. Trail 101 Road

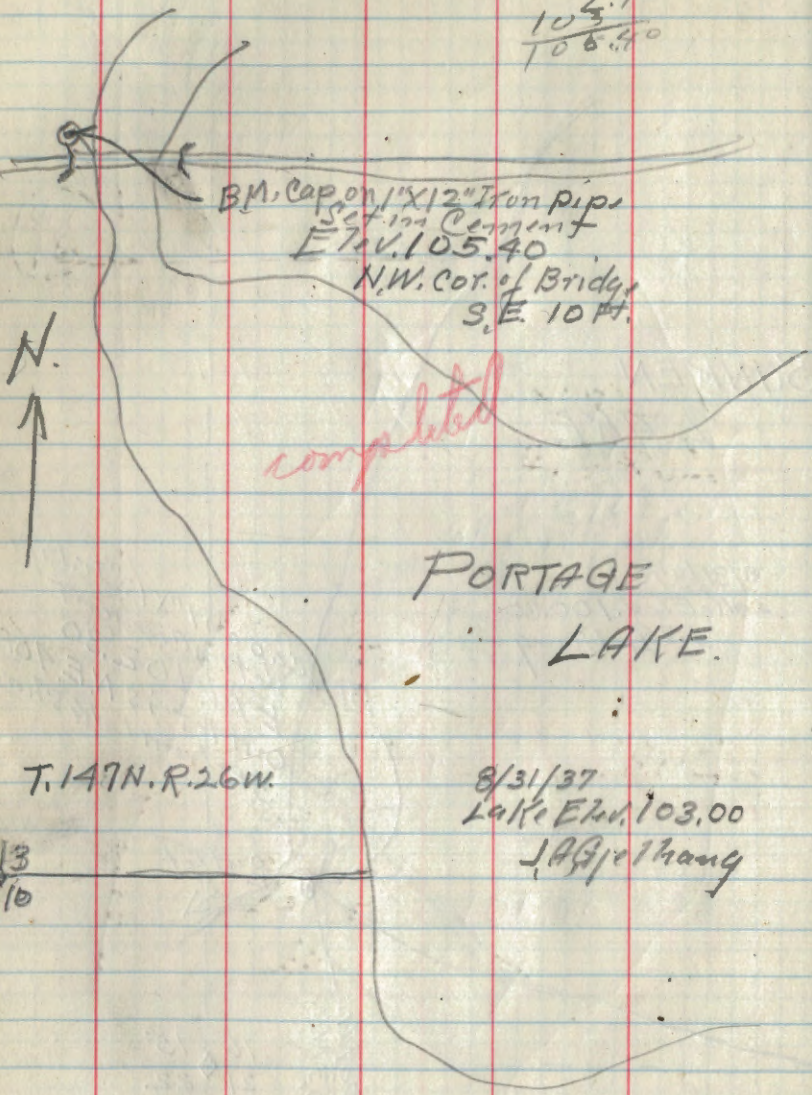


SUNKEN LAKE



1235
 990

 103.40
 108.40



BM. Cap on 1" X 12" Iron pipe
 set in Cement
 Elev. 105.40
 N.W. cor. of Bridge
 3 E. 10 ft.

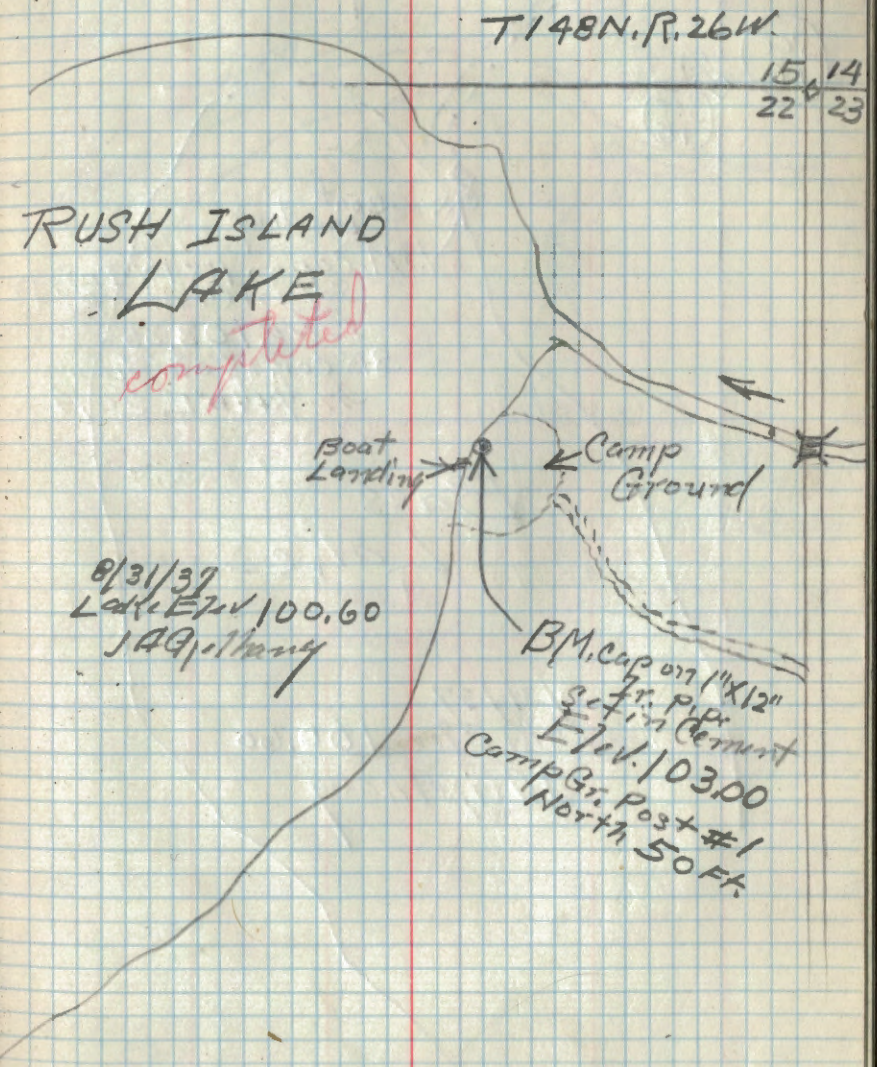
completed

PORTAGE
 LAKE

T. 147 N. R. 26 W.

8/31/37
 Lake Elev. 103.00
 JAG, Jhang

9/3
 9/10



T 148 N. R. 26 W.

15 14
 22 23

RUSH ISLAND
 LAKE

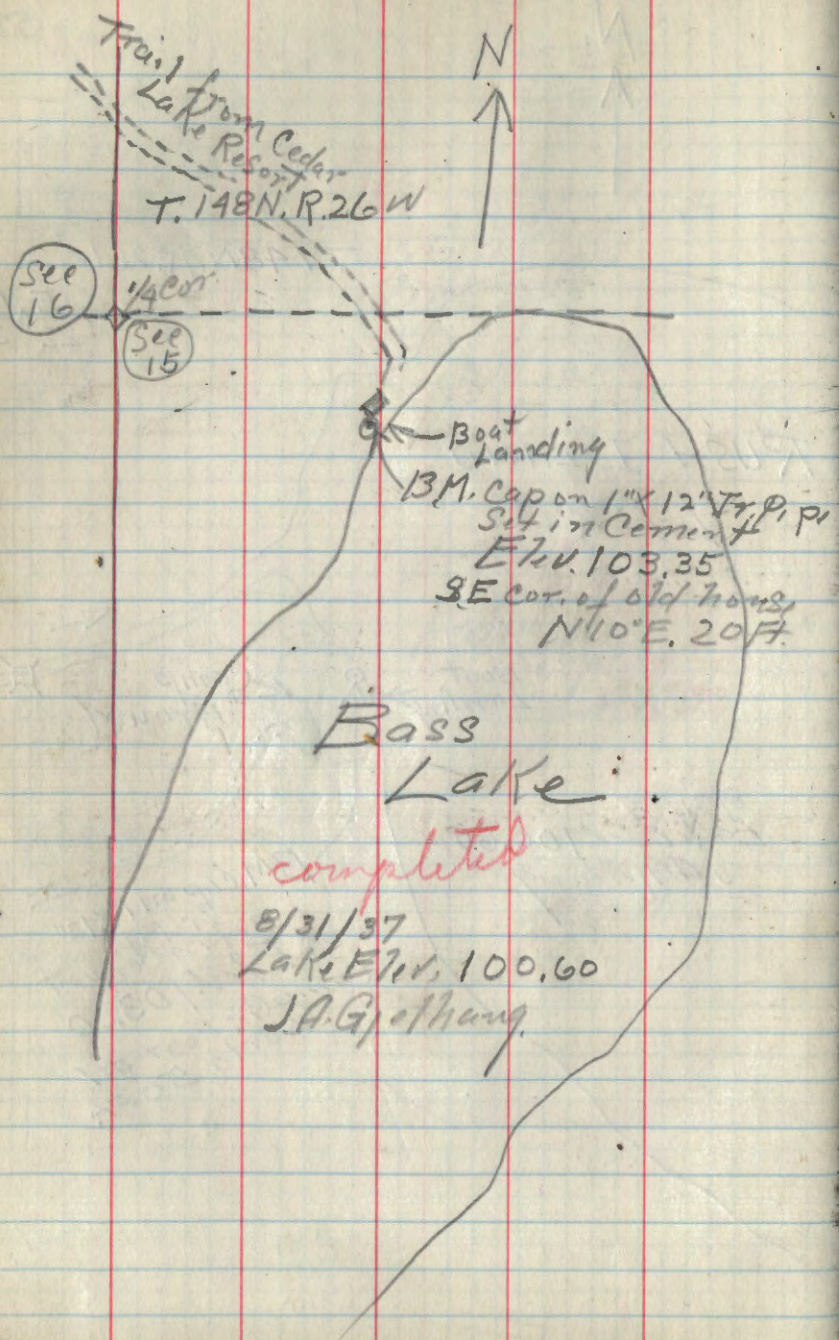
completed

Boat
 Landing

Camp
 Ground

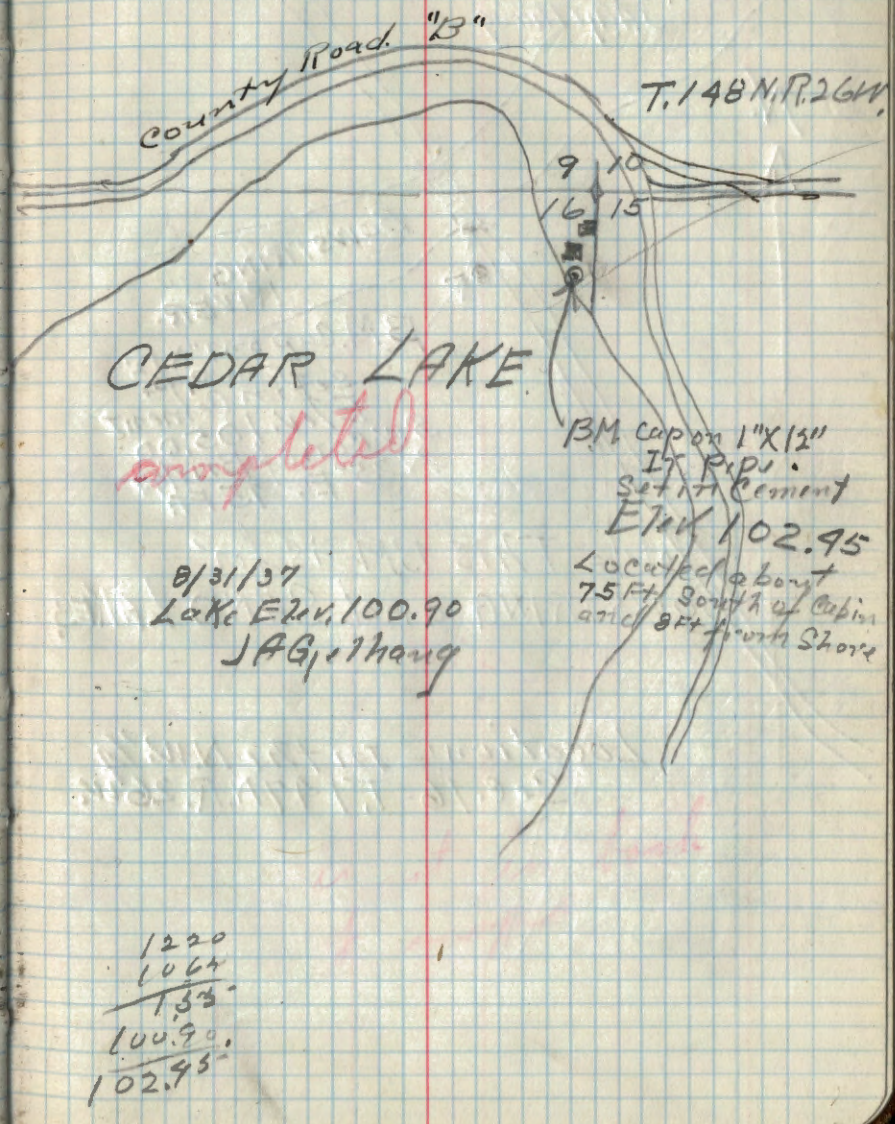
8/31/37
 Lake Elev. 100.60
 JAG, Jhang

BM. Cap on 1" X 12"
 set in Cement
 Elev. 103.00
 Camp Gr. Post #1
 North 50 ft.



Bass
Lake
completed
8/31/37
Lake Elev. 100.60
J.A.G. Jethang

Boat Landing
B.M. Cap on 1" x 12" Fr. P. P.
Set in Cement
Elev. 103.35
SE cor. of old house
N 10° E. 20 ft.



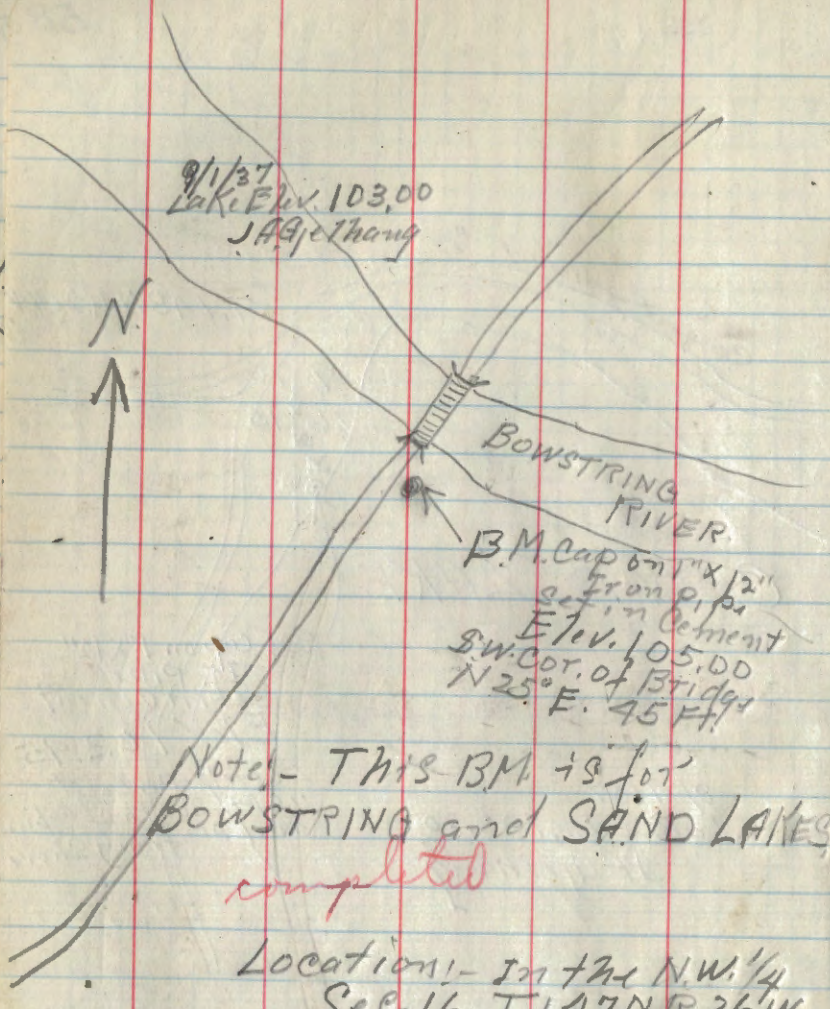
CEDAR LAKE
completed
8/31/37
Lake Elev. 100.90
J.A.G. Jethang

B.M. Cap on 1" x 12"
12" Fr. P. P.
Set in Cement
Elev. 102.95
Located about
75 ft. South of Cabin
and 8 ft. from Shore

1220
1064

133
100.90

102.95

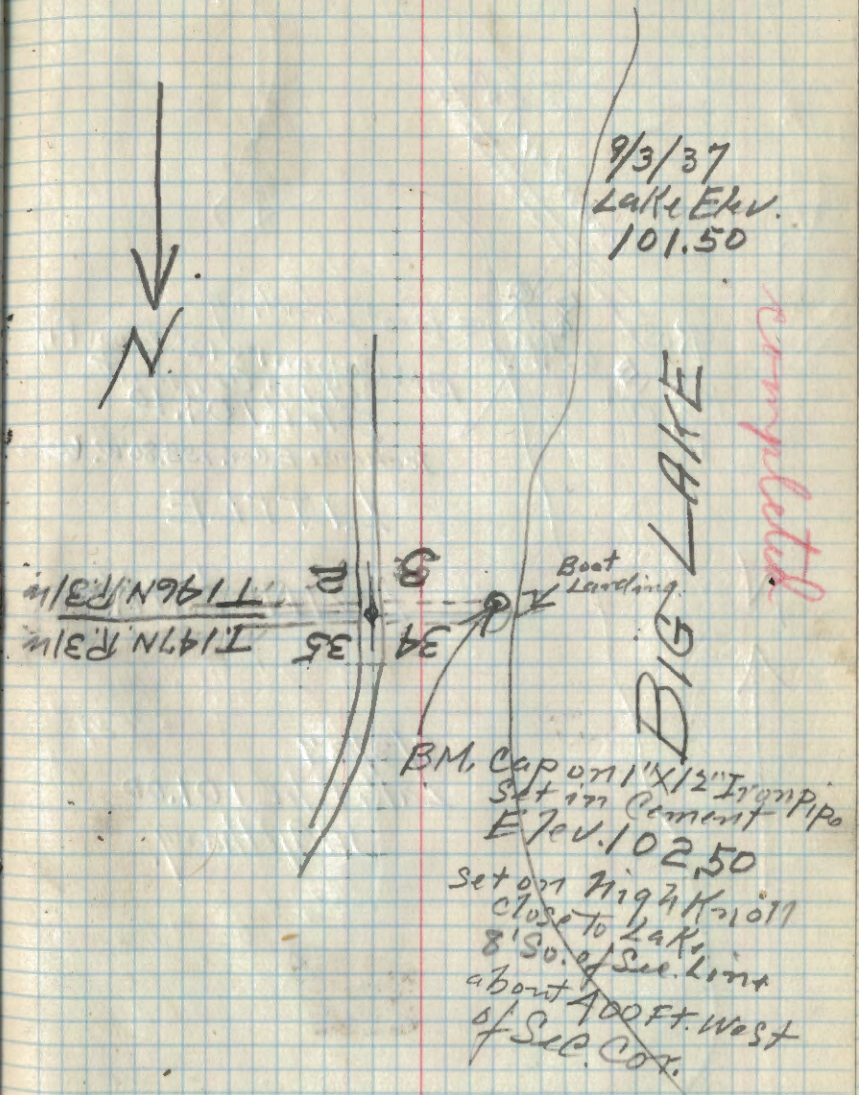


9/1/37
Lake Elev. 103.00
JAGeThang

B.M. cap on 1" x 1/2" Iron pipe
set in cement
Elev. 105.00
S.W. cor. of bridge
N 35° E. 45 FT.

Note - This B.M. is for
BOWSTRING and SAND LAKES
completed

Location: - In the N.W. 1/4
Sec. 16 - T. 147 N. R. 26 W.



9/3/37
Lake Elev.
101.50

T 146 N. R. 11 W.
T 147 N. R. 11 W.

B.M. cap on 1" x 1/2" Iron pipe
set in cement
Elev. 102.50
set on high water
close to lake
8' So. of Sec. line
about 400 FT. West
of Sec. cor.

completed

T. 148N. R. 31W.

Sec 34
Sec 35
4 cor.

Country Road.

Rose
Mink
Farm.

Ice House.

← Boat Landing

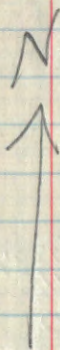
B.M. cap on 1" x 12" Iron Pipe
Set in Cement
Elev. 104.10

Ice House E. cor. S.S. 80° W. 60 FT

LITTLE

TWIN LAKE.

9/3/37
LAKE Elev. 101.00
JAGJethang.



T. 148N. R. 31W.

Sec 34 Sec 35 60

Sec Line

BIG TWIN
LAKE

B.M. cap on 1" x 12"
Iron pipe
Set in Cement
Elev. 104.20

Sign Post "TWIN LAKES"
S 10° E. 45 FT

Sign Post
"TWIN LAKES"

9/3/37
LAKE Elev. 102.00
JAGJethang.

State Highway

T.148N. R.30W.

FABIDEAU LAKE.

9/3/37
New Datum Lake Elev. 103.60
Old Datum. 98.50

J.A. Gjelthang

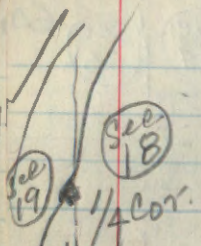
completed

Rabideau DAM.

B.M. cap on 1" x 12" I.P.
Set in Cement
Elev. 106.80
50 Ft. N.W. of DAM.

105.170
-106.80

1094.9
5.1
1130
250
980.50
98.50
94.20
103.60
100



T.149N. R.31
T.148N. R.31

completed

DUTCHMAN LAKE

9/3/37
Lake Elev. 103.00
J.A. Gjelthang

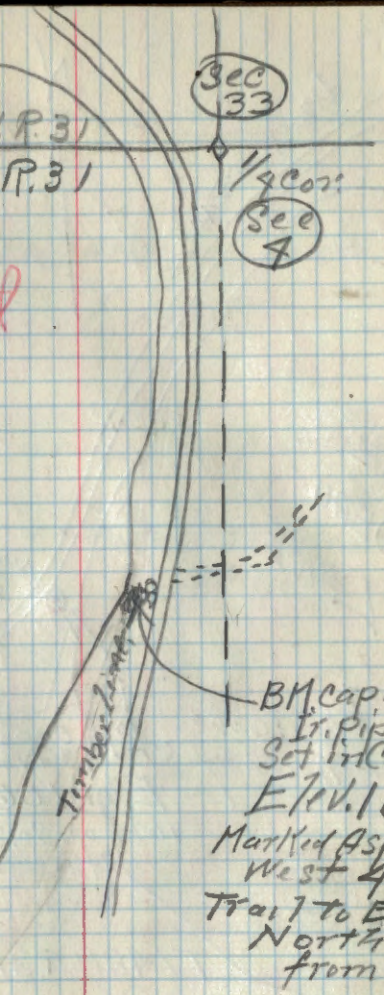
Timber Line 188

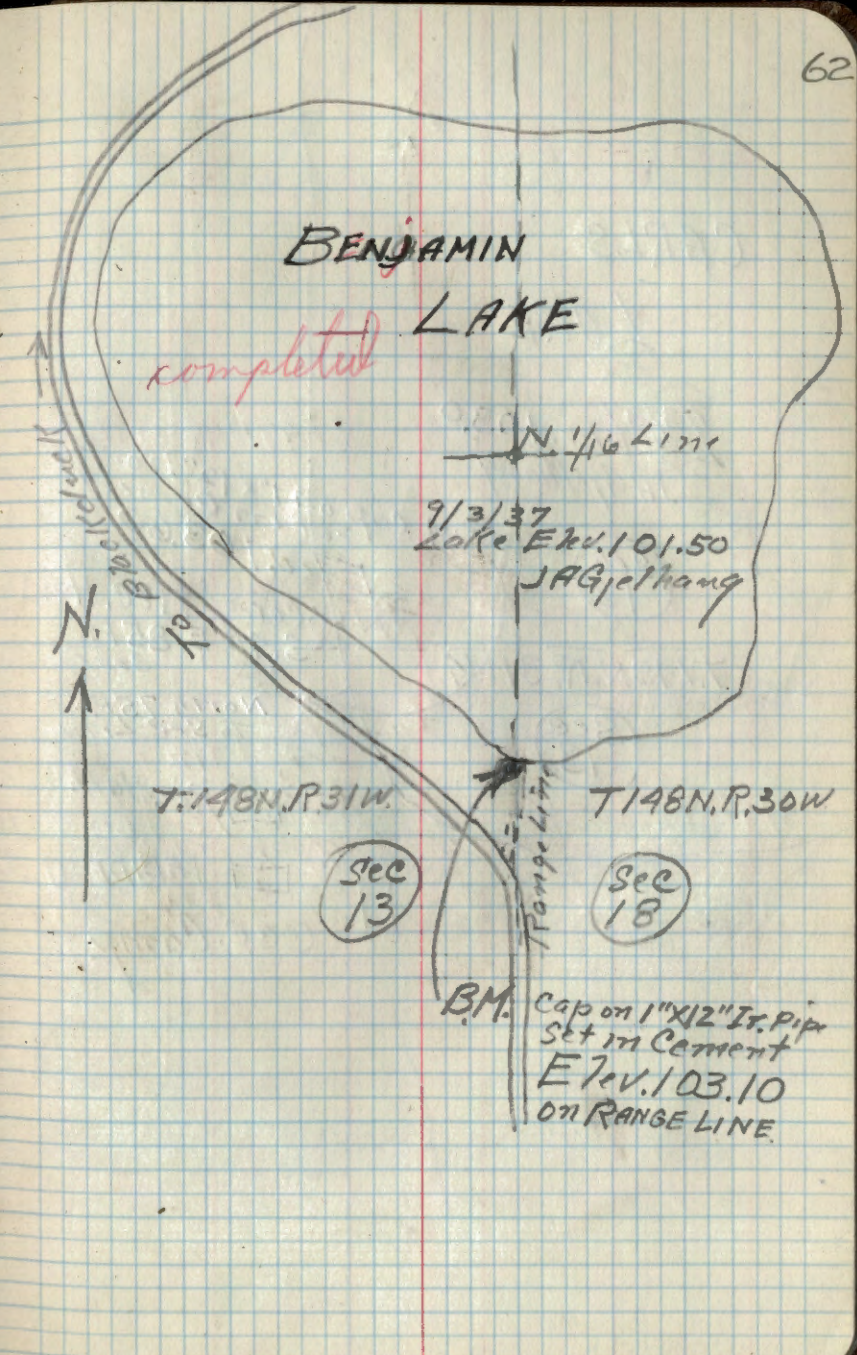
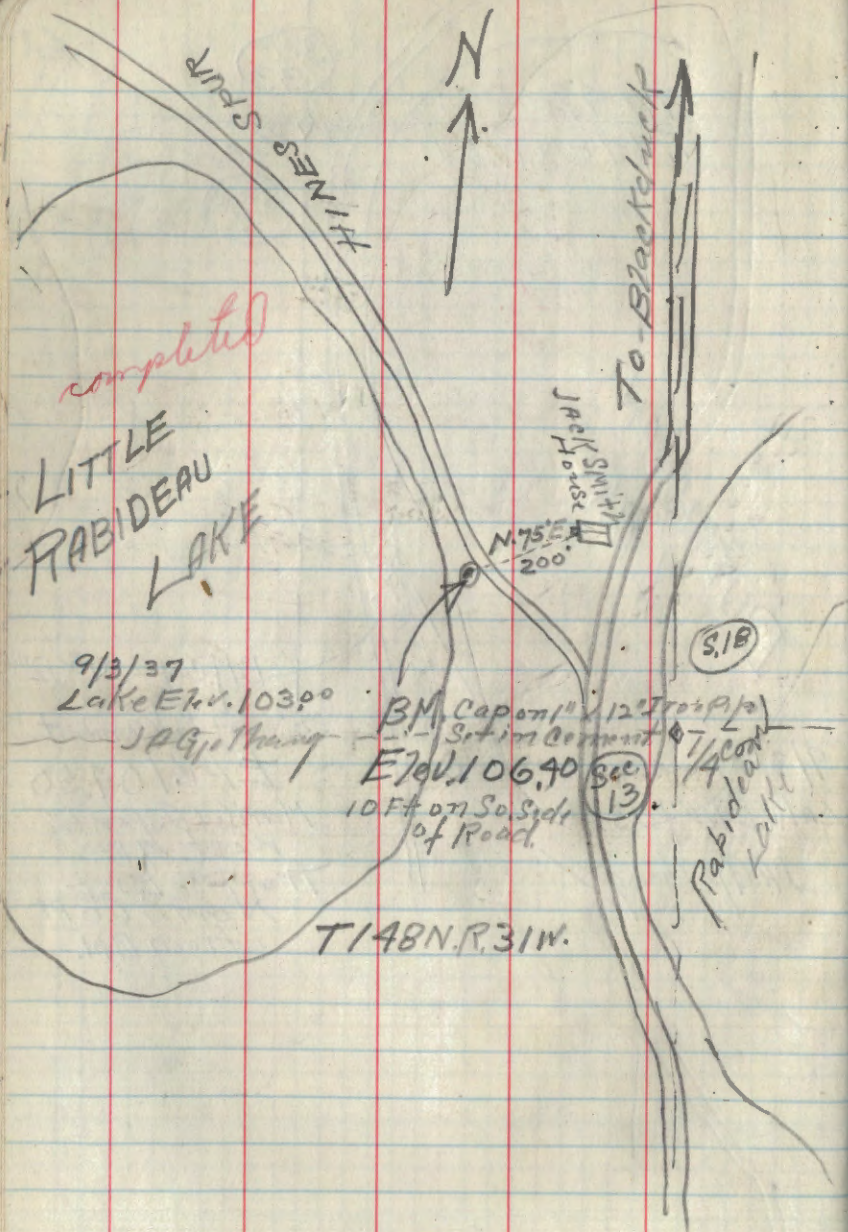
B.M. cap on 1" x 12"
I.P. Pipe
Set in Cement
Elev. 104.50
Marked Aspen 6"
West 4 Ft.
Trail to East
North 60 FT
from B.M.

Sec 33

Sec 4

1/4 Cor.





completed

CARLS LAKE

9/3/37
Lake Elev. 103.0
JAGjelhang

Sec 12

BM. cap on 1"x12" Iron Pipe
Set in Cement
Elev. 103.60

N.W. cor. of Rec. Hall
S. 40° E. 85 FT.
Sec Line

T. 148 N. R. 31 W.

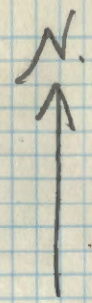
Sec 13

North 75 FT.
to Sec Line

Rec. Hall

PABIDEAU

C.C.C. Camp



T. 148 N. R. 30

Sec 31

T. 147 N. R. 30

Sec 30

Log House

Cottages
Scenic Highway
Resort.

Log House

BM. Cap on 1"x12" Iron Pipe
Set in Cement
Elev. 104.90

Log Ice House North 50 FT.

PIMUSH LAKE

9/9/37
Lake Elev. 103.00
JAGjelhang

RICE LAKE

completed

11.30
9.80
1.50
102.50
04.00



T.147N.R.30W.

Sec 19

1/4 Cor.

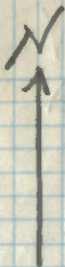
Sec 30

Boat Landing

BM. cap on 1" x 12" Iron Pipe
Set in Cement
Elev. 104.00
Old RR Log Landing
South 15 ft.

9/7/37
Lake Elev. 102.50
JAG, ethang

11.90
9.50
2.40
102.50
04.90



T.147N.R.30W.

Sec 29

Sec 28

Sec 32

Sec 33

To Blackduck

DOCK

BM. cap on 1" x 12" Iron Pipe
Set in Cement
Elev. 104.90
Set 10 ft. East of
Sec. Line.

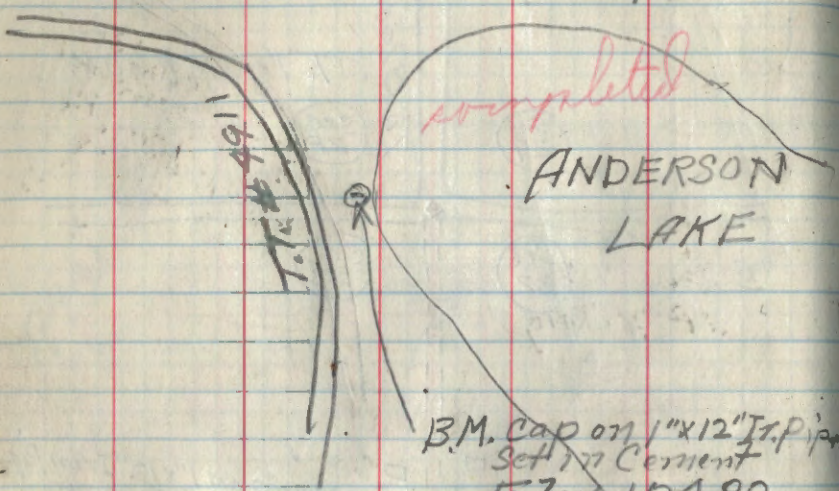
completed
KITCHI

LAKE

9/7/37
Lake Elev. 102.50
JAG, ethang

C/4 31e
20

T148N.R.30W



completed
ANDERSON
LAKE

B.M. cap on 1"x12" Iron Pipe
Set in Cement
Elev. 104.80
Mkd. Birch 6"
NE 3ft.

9/7/37
Lake Elev
103.00
JAG jethany

C/4 Sec. 29

T148N.R.30W

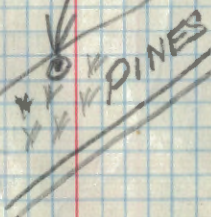


WEBSTER
LAKE

completed

9/7/37
Lake Elev. 101.50
JAG jethany

B.M. cap on 1"x12" Iron Pipe
Set in Cement
Elev. 104.90
Mkd. N. Pine 2"
NE 16ft



GILSTAD
LAKE.

completed

9/7/37
Lake Elev. 103.80
JAG:lhq

N.
↑

see 32
In Sec. 5
T148N R30 W
see 5

Boat Landing
Log Cabin
SHERA'S
LODGE

B.M. Cap on 1"x12"
Iron Pipe
Set in Cement
Elev. 106.10
Log Cabin North
60 Ft.

4
1
2
3

N
↑

Farm
Bldgs.
State Highway No. 71

In Sec 31
T149N R31W

B.M. Cap on 1"x12" Iron Pipe
Set in Cement
Elev. 103.10
Marked Elev. 8" South 46 Ft.

Twp. Line

ERICKSON
LAKE

9/7/37
Lake Elev. 102.00
JAG:lhq

completed

1210
1080
130
1011.50
1021.50



MOOSE LAKE

9/16/37
Lake Elev. 101.50
JAGjelhang

completed

T.147N.R30W

11 12
14 13

BM. Top of Iron Pipe 1" x 10"
Set in Cement
Elev. 102.80
From P.I. of Road S60°W
65 Ft.
To B.M.

1220
1050
170
104.40

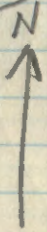
In Sec. 25
T148N.R30W

Where Road comes Close
to Lake at N.W. corner.
BM. Top of Iron Pipe 1" x 10"
Set in Cement
Elev. 104.40
Marked ASPEN 8° East 6 Ft

DAMON LAKE

completed

9/16/37
Lake Elev. 102.00
JAGjelhang



In the NE 1/4 Sec. 7
T148N.R.29W.

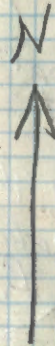
BM. Top of Iron Pipe 1" x 10"
Set in Cement
Elev. 103.70

20 Ft. East of SE
corner of Bridge.

completed

DECKER LAKE

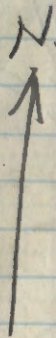
9/17/37
Lake Elev. 102.50
JAGjelhang



18 | 17 County Road.

19 | 20

T147N, R31W.



17.50 @ 18

BM Top of Iron Pipe 4" x 10"
Set in cement
Elev. 104.20
16 ft. NE of MC. GLD.
and 4 ft. SW. of Cedar. 8"
BT.

FLORA LAKE

9/17/37
Lake Elev. 102.00
JAG Jelthaug

School
House

19 | 11
15 | 14

12.10
8.40
3.20

68

In the NW-NW
Sec 14
T141N, R27W



BM Top of Iron Pipe
Set in cement
Elev. 103.40
Lone W. Pipe 7"
NW. 12 ft

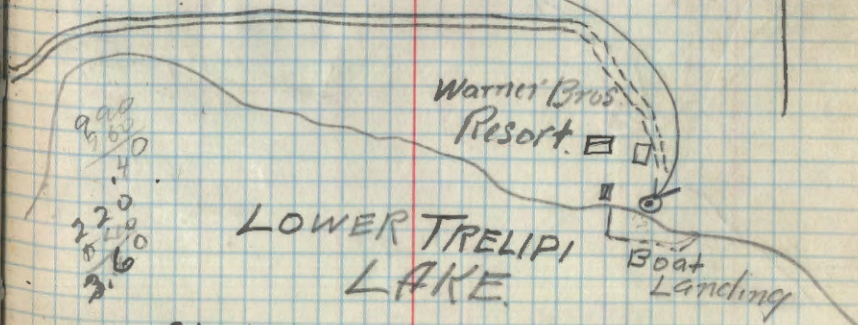
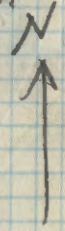
WEST TWIN LAKE

completed

9/21/37
Lake Elev. 100.20
JAG Jelthaug

In Lot 4 - Sec 26
T141N R27W.

BM Top of Iron Pipe 1" x 12"
Set in cement
Elev. 102.60
Root Cedar N.W. 45 ft.



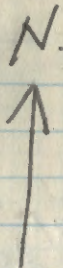
9.90
9.60
4.40
22.00
25.00
3.60

LOWER TRELIPi LAKE

9/21/37
Lake Elev. 100.00
JAG Jelthaug

JACK LAKE

completed



T141 N. R. 30 W.

1/4 Cor.
Sec 2

Boat Landing
Dock

8 CHS. →
Log Cabin

BM. Cap on 1" x 12" Iron Pipe
Set in Cement
Elev. 104.90
Log Cabin East. 105 Ft.

9/8/37
Lake Elev. 100.10
JAG: H. H. H.

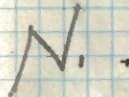
103
100
69

TURTLE LAKE

completed

In 1/4 NE 1/4 Sec 5
T141 N. R. 30 W.

9/8/37
Lake Elev. 100.80
JAG: H. H. H.

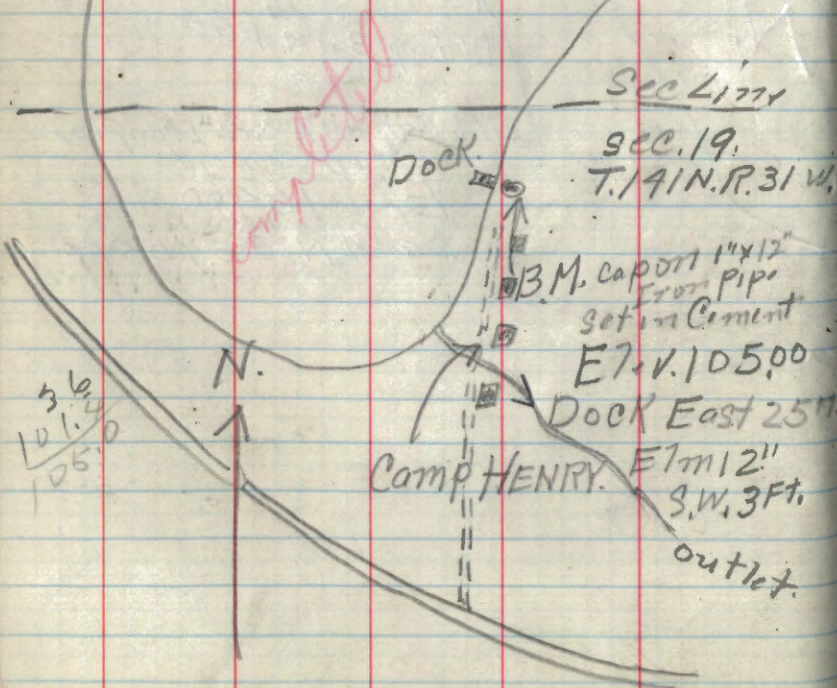


Log Barn, Bottom part.
BM. Cap on 1" x 12" Iron Pipe
Set in Cement
Elev. 104.00
Log Barn N. 10° E. 105 Ft.

103.6
1.6
101.40

HOWARD LAKE.

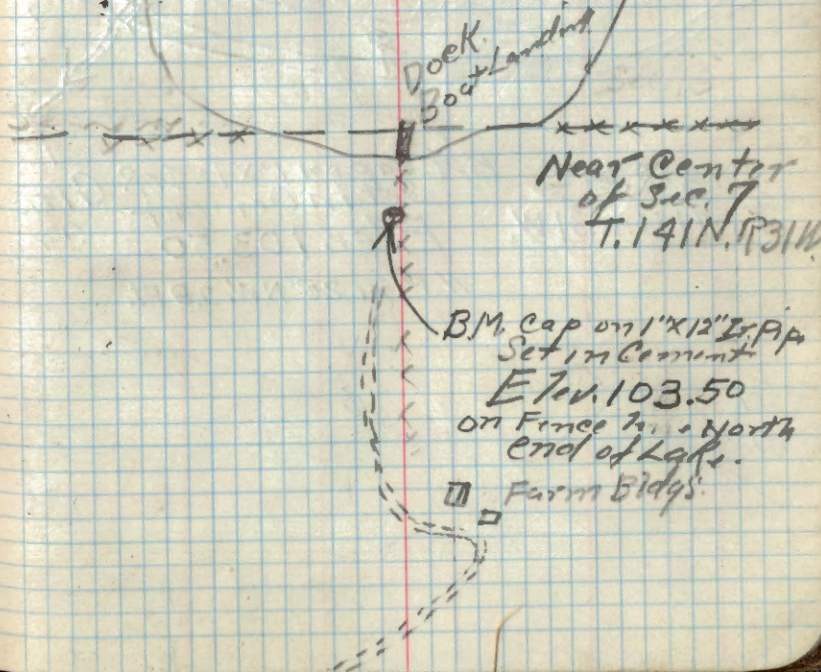
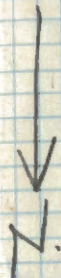
9/9/37
Lake Elev. 101.40
J.A.G. Johnson



103.6
1.6
105.0

ALICE LAKE

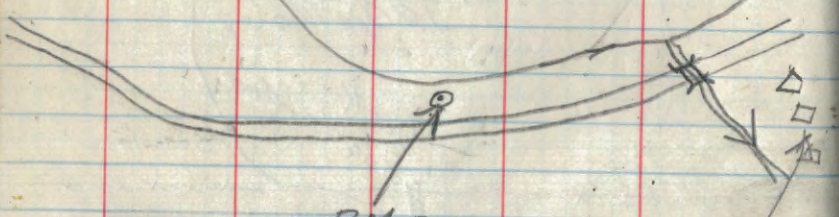
9/9/37
Lake Elev. 104.00
Lost B.M. old Settlers
Says Elev. about
1 ft. higher than in winter.
J.A.G. Johnson



N
↓

THIRD LAKE

completed



In Sec. 4
T14N. R. 31W.

B.M. Cap on 1" x 12" J.P. Set in Cement
Elev. 103.50
Camp
W. Pine 20" NW. 2 B.F.

103.8
- 103.3

103.5

10240
- 101.3

103.7

10240
- 103.7

103.7

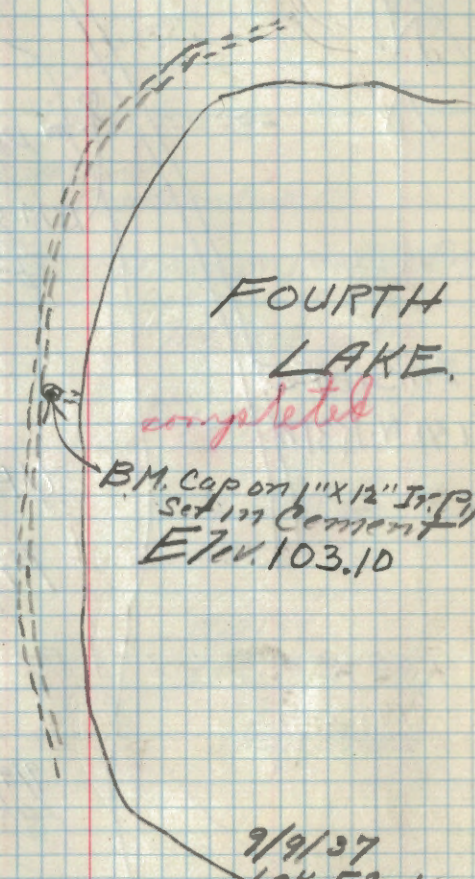
71

N
↑

In Sec. 4
T14N. R. 31W.

FOURTH LAKE

completed



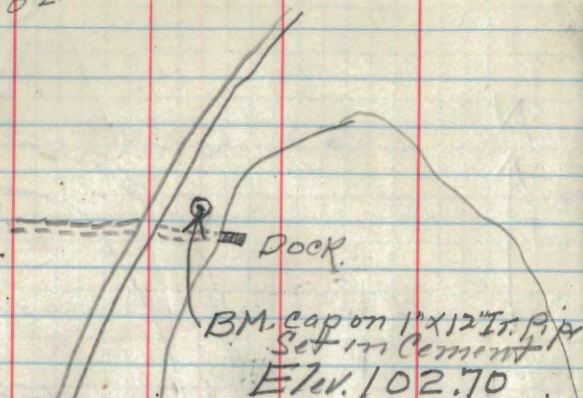
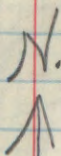
B.M. Cap on 1" x 12" J.P. Set in Cement
Elev. 103.10

9/9/37
Lake Elev. 101.3

J.P. Thompson

102.60
2.80
99.80

2.90
99.80
102.70



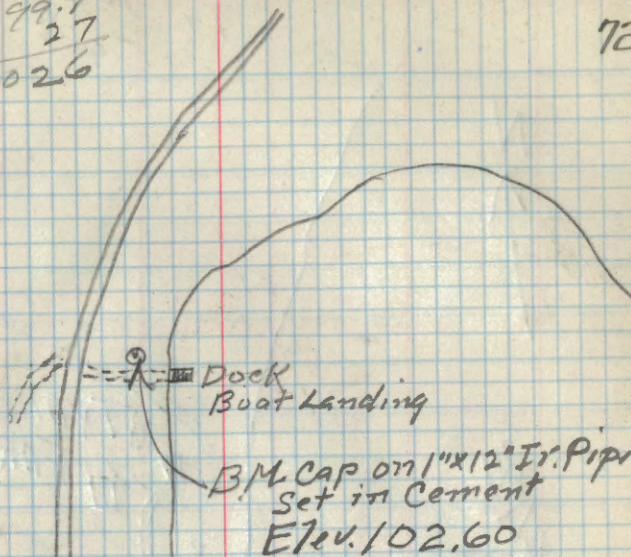
In Sec 5
T.141 N. R. 31 W.

UPPER
Fifth Lake
completed

9/9/37
Lake Elev. 99.80

104.48
99.9
2.7
99.9
102.6

72



In Sec 5
T.141 N. R. 31 W.

FIFTH
LAKE
completed

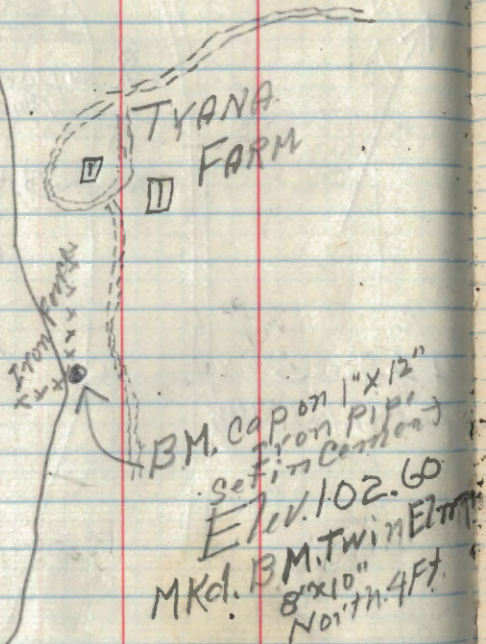
9/9/37
Lake Elev. 99.90

JAGJethang

LONG LAKE
↑
N

1.7
 $\frac{104.2}{4.4}$
99.9

$\frac{104.3}{1.7}$
102.6



9/9/37
Lake Elev. 99.90
JAGjelhaug

In Lot 2 Sec. 34
T.142N. R. 31W

73

$\frac{103.60}{3.40}$
99.70

N.
↑

$\frac{3.40}{99.70}$
03'

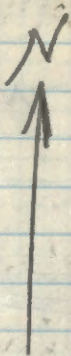
Near Line between Lots 4-8-
Sec. 22 T.142N. R. 31W.



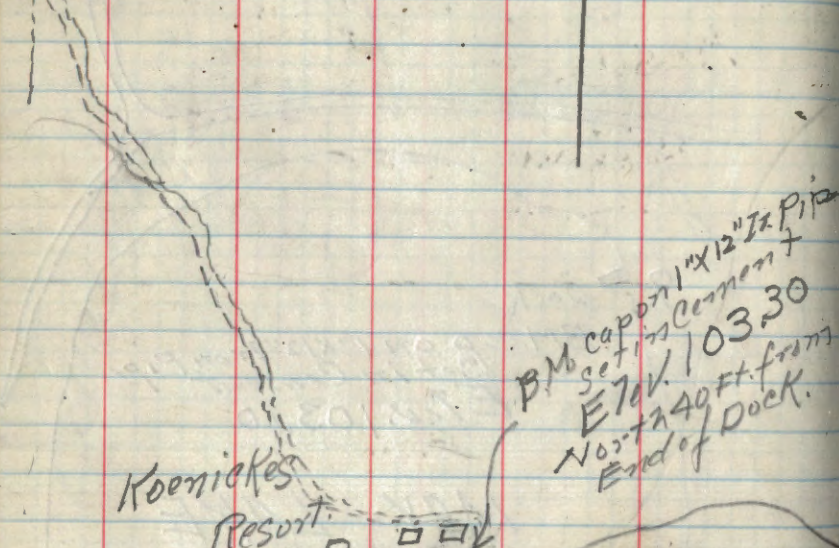
1190
920
270

1025
27
99.8

1220
870
3.50
99.80
103.30



(S 1/2)
1/4 COR. T. 141 N. R. 28 W.



BM Cap on 1" x 12" Ir Pipe
set in Cement +
Elev. 103.30
Nor. 240 Ft. from
End of Dock.

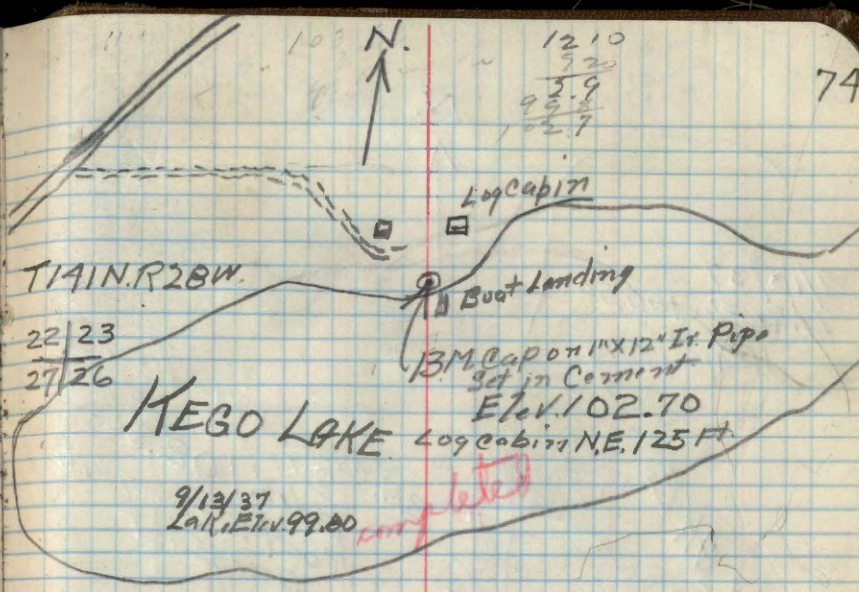
Koonickes
Resort.

Boat Landing

Long Lake

14/13
23/24

9/13/37
Lake Elev. 99.80
JAG:elhang



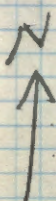
T. 141 N. R. 28 W.

22/23
27/26

MEGO LAKE
Log Cabin NE. 125 Ft.

9/13/37
Lake Elev. 99.80 *completed*

BM Cap on 1" x 12" Ir Pipe
set in Cement
Elev. 102.70



MAPPLE
LAKE

9/13/37
Lake Elev. 100.80
JAG:elhang

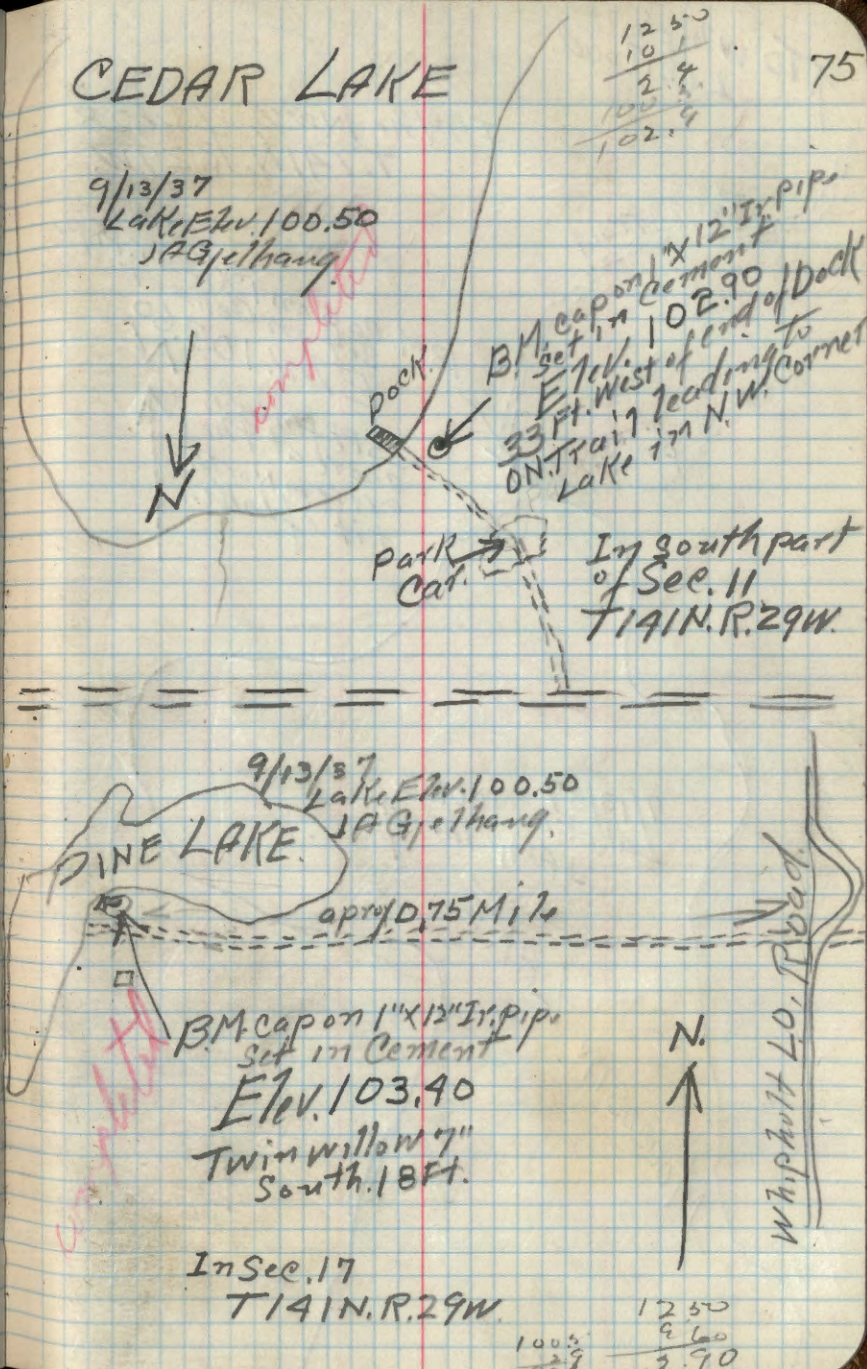
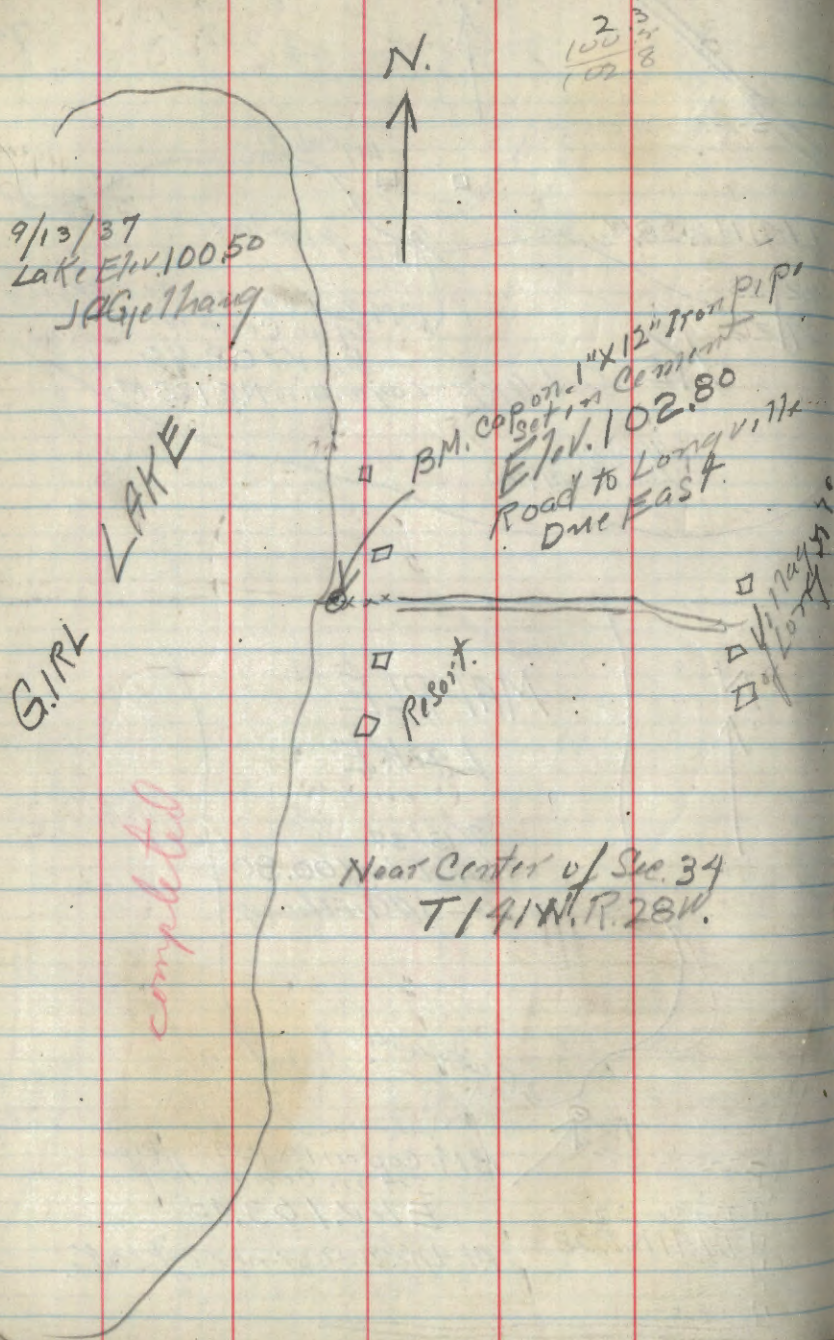
completed

Boat Landing

BM Cap on 1" x 12" Iron Pipe
set in Cement
Elev. 103.40

EN Sec. 22
T. 141 N. R. 28

At the SW corner of Lake.



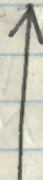
↑ To Whipholt
L.O. Road.

In the NW 1/4 of Sec 28
T. 14 N. R. 29 W.

Rough trail

B.M. Cap on 1" x 12" Ir. Pipe
Set in Cement
Elev. 103.60

35 Ft. from Lake
shore at the
extrem North
tip of Lake.



completed

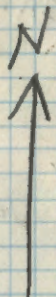
9/13/37
Lake Elev. 100.80
J.A.G. / 10/11/37

MOCOSIN LAKE

12.30
9.50
2.80
100.80
103.60

SILVER
LAKE

9/13/37
Lake Elev. 100.80
J.A.G. / 10/11/37



In the NE 1/4
Sec 25
T. 14 N. R. 29 W.

B.M. Cap on 1" x 12" Ir. Pipe
Set in Cement
Elev. 103.90
In Fine Time 50 Ft.
from Lake Shore.

3.10
103.80

CEDAR LAKE

9/15/37
Lake Elev. 100.10

BM. top of Iron Pipe 1" x 10"
Set in Cement

Elev. 102.30

Marked Spruce 6" SE 6 Ft.
In the SW-NE of Sec. 18
T. 142 N. R. 31 W.

34 LAKE

9/15/37
Lake Elev. 100.50

BM. Top of Iron Pipe
Set in Cement
Elev. 103.80
45 Ft. West of
Guard Rail on
Road.

In Sec. 9
T. 141 N. R. 31 W.

12.20
4.40
3.30
100.50
13.80

PORTAGE LAKE

77

9/15/37
Lake Elev. 100.50
JAG Jethony

BM. Top of Iron Pipe 1" x 10"
Set in Cement
Elev. 104.80
100 Ft. North of where
Trail goes over
Ridge.

T. 141 N. R. 31 W.

See 26

See 25

Resort

BM. Cap. on 1" x 12" Pipe
Set in Cement
Elev. 105.00
Elev. 14" North 1/6 Ft.

TEN MILE LAKE

9/15/37
Lake Elev. 100.50
JAG Jethony

N
↑

B.M. Top of Iron Pipe 1" x 10"
Set in Cement
Elev. 103.60 Dock
Set on North Side of Trail
leading to Lake.

In the NE 1/4
Sec. 10

T141NR29W

RAT LAKE
completed

9/15/37
Lake Elev. 100.50
JAG:elhering

Honse

WINNIBIGOSHISH LAKE or any
Lake Controlled by WINNIE DAM.
See the Care-taker of DAM and ASK
for the Water Gauge reading for
whatever date you want, and add
or deduct from the Elevation given
for the year the Lake was Surveyed.

Lake Elevations of Winnibigoshish Lake.

Date	Elevation	Gauge Reading
Jan. 15 - 1934	1291.37	1.29
" " 1935	1290.83	0.75
" " 1936	1293.26	3.18
" " 1937	1293.80	3.72
Sept. 28 1937	1298.17	8.09

(Gauge "0" set
at 1290.08)

FOR LEACH LAKE

Date	Elevation
Jan. 31 - 1934	1293.26
" " 1935	1291.65
" " 1936	1293.94

Sept. 20 1937 1295.22

(Gauge "0" set
at 1293.76)

MUD LAKE

9/15/37
Lake Elev. 101.20
JAG:elhering

B.M. Top of Iron Pipe 1" x 10"
Set in Cement
Elev. 104.60
1/4 SE of MC.

Sec 21 T142N.R30W

Sec 28

Trail
0.56 Mile

N
↑

TO ROSTIN'S RESORT

1180
1450
320
1040
0154
1040
0460

