

436
The

SPIRAL

NOTE BOOK

No. 36



Made Under One or More of The Following
SPIRAL Patents: 1516932-1542026-1985776
Other Patents Pending.

W-11

July 23-1940

Waterlown

T 137-R 27

Dec 21-

Harold & JMR.
L. Perkins

8:30 AM

Drive to Cross
Lake Store

Duff K. Webb

Says -

Call on--

Per

and to Engr

2

Town Board
La Gare!

Allen Ch

M.M. Chenevert Clk.

Try to try to find
Herb. -

Back to Junction

~~11-30~~

11-10 AM.

I leave JWC @

12-30 P.M. Car

reads 38042 miles

arrive at 1:15 at town

hall.

H. H. Curo

Watertown Twp.
137-27 Sec 21. 3

July 23-1940

P.M.

James M. Ellwood
arrives at same time
to help. I start him
mowing brush
set up π and start
E. East

Beginning at Temp
 $\frac{1}{4}$ Center of Sec 21
where J.W.C. has
driven a R.R. spike.
for Temp. Center
I walk E with
 π about 400 ft.
to R.R. spike hub
set by J.W.C.

Harold J. Curran

Water town
137-27 Sec 21

July 13-1940

A over RR spike hub
set by J.W.C.

A set on 90 B.S.
W on temp $\frac{1}{4}$ Center
of Sec 21

Ties to hub No 1

N.P. 145 $31^{\circ}30'W$

Red O. 45 $38^{\circ}49'E$

A over hub No 1

B.S. of Temp Center

and set. hub No 3

Note:— Hub No 2 set
by J.W.C. is $\frac{1}{2}$ inch
to far south as the
stake set by it has been

Water level map
137-27 Dec 21. 5

July 23-1940

tipped over on the N side
of the hub hard and
pushed it over and
straightened up on line
but do not take ties
to it as it is to
close to hub N^o 1 to
set over

Ties to hub N^o 3
N.P. 16 N 56° 11' W
Baich 4 N 61° 24' E

Ties to hub N^o 4
J.P. 10 N 55° 27' W
Reed 0.8 N 45° 30' E

Harold G. Cline

Waterbury Twp.
137-27 sec 21

July 23, 1940

Ties To hub N° 5
Red Oak 5 S 87° 15' W
" 4 N 59° 17' W

@ hub N° 5 our line
leaves old cutting
and runs to the south

quit for night
6-05 P.M.

Home at 6-45

Car Reads 38076

Watertown Trip. (7)
137-27-Dec 21

July 24, 1940

Had storm in the
night. have flat
tire get it fixed.
got late start
leave at 7:15

Car Reads 38080

Arrive at 7:40

James. Ellwood
does not show
up I see him
about 9 o'clock
he will not be
able to help before
noon as the tel.
lines are all down

Harold Curo

132-27 Dec 21

July 24-1940

I drove to Bowles
he says he will
get a man as soon
as he ice the caten
so I drive back
and cut E & W &
until I get help

Marvin Aldrich
arrives to help at 10-30

I send him after
a jug of Water he
got Back at 11-00 o'clock

12 o'clock dinner

11

Pg 11
H. L. L. L. L.

520
8/10

Time Sheet Waterbury Typo - 137-27

118
244
119
51

23 24 25 26 27 28 29 30 31 Aug

July

1940

John Curro

2 1/4 1/2

Harold Curro

8 1/2 11 1/2 11 1/4 4 1/2

8 9

J.M.C. Car

9.95

H.C. Car

34 35 34 35

Expense

James M. Ellwood

5 5 6 1/4 4 1/2

Marvin Aldrich

6 2 9 1/4 1 1/2

Watertown Twp. 11
Sec 21, -137-27

July 24-1940

P. M.

Start at 10 o'clock

Corr. E + W & East

Ties to hub N^o 6

Red Oak 8 N 10° 48' E

J. P. 12 N 81° 13' E

James Ellwood

arrives at 1-15

to help.

set hub N^o 7 on

seawall of Bullhead

lake look for I M

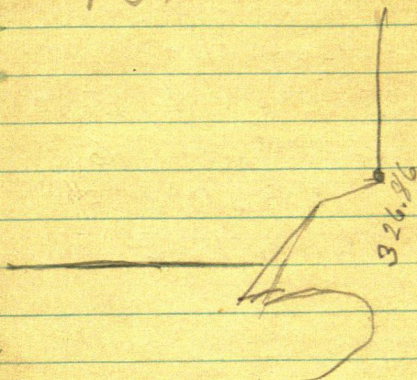
as bush is heavy

we can not find

it

Harold Cross

12 131082
1330
1264082
132041



Watertown Twp.
Sec 21-137-27 13

July 24-1940

so decid to wait
until I know some
where near where
to look walk back
west Center of Sec
21-137-27

π over Temp Crat
back site E and
Run w on Q

I have Ellwood check
on hub No 1 for line
he says it is O.K.
So I take π ahead
 π on hub No 1

B, S, E. I can see
3 flags and this
H. F. Curro

14 Watertown Twp
Dec 21-137-27

July 24-1940

hub is 2-inches
to far N so I line
up with Flag
E and set this spike
over.

Note: this hub
is over on the W side
of hill and I could
only see about 2 inches
of the top of flag pole
but looking E from
this hub I can see 3
flats plain.

Ties to hub No 1 West
Branch 10 N 0°39' E
White oak 8 N 76°54' E

H. J. Curo

Water Town Twp.
Sec 21-137-27 13

July 24 1940

over swamp and set

RR spike hub N° 2 W

I do not find RR spike

set by J. W. C. at this

point only his flag

Ties to hub. N° 2 W

Pop. 10 N 23° 20' W

Twin Red Oak, 14 at base

fork 14 inches up one

to the other 9 inches long

one S 62° 15' E

Set hub N° 3 W

quit for night

Lv at 6.10

arrive at Jenkins at

7.50 Car Rads. 38115

Harold Curo

Watertown Twp.
16 Sec 21-137-27

July 25-1940

Lo Jenkins 6-20 in
my car car radio

38117 drive to

Cross Lake arrive

at 7:05 find James
Ellwood and Marvin
Hldrich waiting

at Ellwood's we
drive to Temp Center
of Sec 21-137-27

and leave car

take outfit and

walk $\frac{1}{2}$ mile N on
old cut out N+S Φ

at about half way

Harold Curo.

Waterford Twp

Sec 21-137-27

17

July 25-1940

or some where near
the $\frac{1}{4}$ we set flag
just E of fence cor post
so as to miss running
on fence out out
line N to $\frac{1}{4}$ on N side
of Sec 21-137-27
work π on line
and run

South

James Ellwood leaves
at 9-10 to go put in
a gas stove will be
back thro after noon.

Aldrich and I cut out
N & S $\frac{1}{4}$ to center of
Harold J. Curo.

Watertown Twp
18. Sec 21-137-27

July 25, 1940

Sec 21 eat dinner
and P.M.

work π on line
bet. $\frac{1}{4}$ on N side
Sec 21 and corner
post near N $\frac{1}{16}$ on
N & S $\frac{1}{2}$ can not find
I.M. so run throw
corner post to corner
out as close to Temp
center of sec 21 as
to cross and not hit
fence π over-hub
about $\frac{1}{2}$ way bet
ty on N side and N $\frac{1}{4}$
of N & S $\frac{1}{2}$ Ties

H. J. C.

Watertown Twp. 19
Sec 21-137-27

July 25-1940

to hub N^o 1 S 866.6

Red Oak S 53° 12' E 17.45

White Oak 4 N 41° 48' E 17.20

Run South

James Ellwood arrives
at 1-45

set RR spike hub N^o 2

no Ties as I will not
set up there hub N^o 2
is 70 ft N of fence cor
near 1/4

Hub N^o 3 is 1788.408

Ties.

Red Oak 4 N 75° 30' W 10.90

As Pine 4 S 16° 18' W 16.10

Harold A. Curo

20 Watertown Twp

Sec 21-137-27

July 25-1948

Hub N^o 5 is ft

N of ditch bank N side

of highway. do not

set on this hub but

have hubs N^o 6 & 7

set on each side of

E & W $\frac{1}{2}$ about 3 ft

E of RR spike set by

H. W. Carr for a starting

point and called

Temp center of sec

21-137-27

can't South

do not take tie

to these hubs as

Harold J. Carr

Watertown Twp 21
Sec 21-137-27

July 25-1940

I do not intersect
these two Q's now

Hub N^o 8 top of hill
Ties ^{is} 2974.40 S

Red Oak 5 N 72° W 18.90

Red Oak 3 S 66° 06' E 22.77

@ 3845.25

Hub N^o 9 Ties

Red Oak 6 N 83° 55' W 13.30

N.P. 24 S 8° 04' W 13.20

Set hub N^o 10.

quit for night
5-50.

arrive Jenkins 6-30

Cal. Road 38151

Harold G. Curo

22 Watertown Twp
Sec 21-137-27

July 26-1940

Le. Jenkins in my
car. Car reads 38151

Lo 6.45 arrive
at cross lake at 7-10
Hedrick and Ellwood
waiting

Ties to hub N^o 10
4718.685
South on N & S &

N.P. 24 N 38°30' E 4.80

J.P. 14 N 35°39' W 43.4

starting to rain
7-45

Tr over hub N^o 10

set RR spike 1.63

E of 1/4 Cor. on S side

Harold J. Curo

Watertown Twp
Sec 21-137-27 23

July 26-1940

1/4 Sec 21-137-27

1/4 cor is 3 inch

round Oak stake

set in a hole 1 ft

across and about 18

inches deep it is an

old stake with new

tin washer put on

top with shingle nail

from hut No 10 cor

bears $S 0^{\circ} 11'$

1/4 is in pop up.

go to W 1/6 on E

Sec 21-137-27

was going to offset

Harold Curo

Watertown Twp
24 sec 21-13 7-27

July 26 - 1940

but as trees are too
close decide to wait
and get the other π
and turn a 90°

We go E to Rat Lake
mow brush and look
for wit $\frac{1}{4}$ on E & W $\frac{1}{4}$
find nothing back
to car 11-35 I drive
back to Jenkins

Arrive home @ 12-10
Car Reads 38186

Harold J. Caro

Watertown Twp
Sec 21-137-27 25

July 28 1940

Tie to $\frac{1}{4}$ on Weed
Sec 21-

1X10' Birch hub for cor

Oak 4 N $32^{\circ}40'W$ 41.40

" 3 N $81^{\circ}40'E$ 30.00

12X12 Cement M set by

U.S. S $87^{\circ}50'W$ 242.05

see page 42 and 43
book 214.

C.H. Carli,

True Cor. to 20-21-28-29-137-27

2X48 IM - 3" round cap set from old

U.S.B.T.s in survey of sec 21

chuck chain N Rough chain

IM S $1\frac{1}{16}$ @ 1311.5 about

26

1/4 bet 20-21-137-27 =

2 x 48" I. M. - capel.

Feb. 24-1926

Page 25-26 - Book 212

August Oct 14 and

July 30 - 1940

Watertown Twp
Board Meets next
Tuesday

137-27

Water Town Twp 29
Sec 16.

Aug 1-1940

Work on my house
until 5-30 J.W.C.
comes and wants
me to go to cross
lake with him.
Leave around 6 o'clock
work about 2 hr.
for store keeper.
on Sec 16. 137-27

Harold J. Curo.

30 Dec 16-137-27
Crosslake Watertown
Twp.

Aug 2-1940

Leave Jenkins
around 9 o'clock
in J W C's car
Take Matthe to
Brainerd try to
get his car fixed
but can not
get lunch at
W W Walkers leave
Brainerd at 1.03
drive to cross lake
arrive at 2 o'clock
work until 7.30
drive to Brainerd
pick up Matthe back
to Jenkins arrive around
9 o'clock Harold J. Curo

Watertown 137-27 31
Sec. 21. Cross Lake

Aug. 3. 1940

J.W.C. & I checking
old survey notes
see page 25 book 64
and 69 book 134
For N Bondray

32

Tristo N E Cor Sec 21

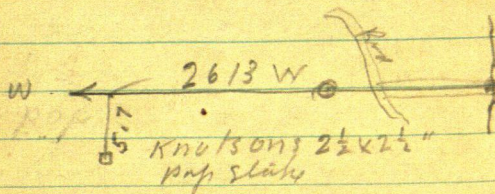
137-27 copied from
book 64 page 32

A.P. 7 N $25^{\circ}56'$ E 30.5

" " 10 N $26^{\circ}27'$ W 33.8

" " 14 S $65^{\circ}48'$ W 31.9

" " 11 S $83^{\circ}00'$ E 37.7



Part 6 N about 45° E 5.40

Elm 10 S " 45° E 10.90

At 2714 W a 30" WP stump
sets N - 3 ft. E of stump

Bk 64 33
Pg 35

Aug 3- 1/7



V

S

34 Watertown Twp
Sec 21-137-27

Aug 3 1940

Wilford and I leave
Jenkins in my car
at 10.45

Car Reads 38317
about 2 miles out
road blocked pulling
a car out of hole trying
to go back and come
around the other
way arrive at cross
lake center of sec 21
137-27 at 11.35

car reads 38338
eat dinner as it is
almost noon

Watertown Twp
Sec 21-137-27

35

Aug 3 1940

P. M.

starting at I M

$\frac{1}{4}$ on N side of Sec

21-137-27 and chain

South on N+S \angle

@ 300 S stake @ 600

S stake

@ 866.6 RR spike hub

This see page 19 this book

@ 900 south stake

@ 1200 S Stake

@ 1312.25 RR spike

about 1 ft N of center
of Fence cor Post
no this

36 Watertown Twp.
Sec 21-137-27

Aug 3 1940

@ 1500 S stake

@ 1788.40 S RR spike
hub. For ties see page

19 this book

@ 1800 stake

@ 2100 S stake

@ 2146.5 cross wire
Fence going east

@ 2338.85 RR spike
but no ties

@ 2383 \pm highway

@ 2400 stake on S
shoulder of road

@ 2593.65 RR spike
but N of E + S \pm

Water Town Twp
Sec 21-137-27 37

Aug 3-1940

@ 2595.62 SRR spike
on S side of E & W $\frac{1}{2}$

@ 2630 cross road
NE-SW

@ 2700 S stake

@ 2976.40 RR spike
hub. For this see page
21 this book

@ 3000 stake

@ 33

@ 36

@ 3670 $\frac{1}{2}$ Road NWSE

@ 3845.25 SRR spike
hub. For this see page
21 this book

38 Watertown Twp
Sec 21-137-27

Aug. 3 1940

@ 3900 stake

@ 4200-S stake

@ 4500-S stake

@ 4718.68 S RR spike

hub for ties see page

22 this book

@ 4800 stake

@ 4815 about center wet
pop swamp

@ 5100 stake

@ 5221.20 RR spike

hub

Knutson's Ties
are stumps

Pop 6 N about 45° E 5.40

Elm 10 S " 45° E 10.90

these stumps are

Pop 8 and Elm 10

checking out to W

edge of oak stake set

for V4.

RR spike 5226.2 sets

E 1.78 ft of this point

which is 15° W of nail

in center of cone

40

sec 21 - 137-27
N

1254.26	1330	1330	1330
1292.13	1312.25	1308.92	1304.65
2625.18	1317.46	1324.95	1324.95
2625.18	1312.75	1308.92	1302.13
1304.93	1304.93	1319.9	1319.9
1311.68	1307.34	1305.21	1302.42
1311.33	1311.33	1315.36	1315.36
2614.68	1307.34	2614.42	2614.84
1307.34	1303	1305.21	1302.42
1317.73	1317.73	1310.92	1310.92

Page 116 book 64

261784
 2606
 522384

41

2617.84
 2595.42
 22.22

N
 1 M. $\frac{1}{4}$ N side 21
 137-27

52221.2

1.78

$\frac{1}{4}$ S side
 sec 21
 137-27

42 Watertown Twp
Sec 21-137-27

Figuring

.0003409

5221.2 / 1.78000
156636

213640
208848

479200
469908

52212
3409

9292

469908

5221.2

.0003409

469908

208848

156636

1.77990708

Watertown twp 43
Sec 21-137-27

Figuring

For each foot S

line goes W. 00034091

Hub 846.6 S goes W. 30 L

" 1312.25 S " W. 45 "

" 1788.4 S " W. 61 L

" 2338.85 S " W. 80 L

" 2593.65 S " W. 88 L

" 2595.62 S " W. 88 L

" 2976.4 S " W. 1.01 L

" 3845.25 S " W. 1.31 L

" 4718.68 S " W. 1.61 L

" 5221.20 S " W. 1.78

N+S E Dec 21-137-27
44

Figuring

8666

1312.25

3409

3409

77994

1181025

34664

524100

25998

393675

29542394

447266028

1788.4

233885

3409

3409

160956

2114965

71536

935540

53652

701655

1609665.56

797323.965

259365

259562

3409

3409

2334285

2336058

1037460

1038248

778095

778686

884175285

884846858

Water Town Twp
Sec 21-137-27-45

JWC arrives @ 6.05
we walk 1/2 mile
E he walks around
lake to set up flag
Wilfred and I walk
back to my car
Leave cross lake
at 6.40 for home
arrive at Jenkins at 7.20
Car reads 38355

6 mi. + 2 = 8
Cost 38 miles \$1.90

47

^{8 6 5 3}
^{2 3 1 2}
 29764
 3409

^{4 2 2 2}
^{3 2 1 1}
 384525
 3409

267876
 119056
 89292

3460725
 1538100
 1953575
1310845725

101465476

^{8 6 5 3}
^{2 3 1 2}
 29764
 3409

^{2 7 6 3}
^{6 2 1 1}
 471868
 3409

267876
 119056
 89292

4246812
 1887472
 1415604

101465476

1688598012

48 Watertown Twp

Sec 21-137-27

.000.50

5223.84	2,64,0000
2411920	2611720
	282800

.000505-

2828000
2611920
<hr/> 2162800

1308.92

305-

654460
654460
<hr/> 66100460

Waterdown Trip 49
Dec 21-137-27

2, 5
1308.26
3409

261784

1303

392084

1177434

5233.04

392478

445985834

1308.92

2

2617.84

5.15143.2

2241652

3409

2354868

104.66.08

784956

891971668

178

50 Watertown Tex
Sec 21-137-27

392084

505

1510420
1510420
152552420

392

392084

1982

33918386

3409

391884

151627544

1175658

133633124

Watertown Twp 51
Sec 21-137-27

Aug 4 1940 Sunday

52 Wabedo Lake
T 140-R. 28

Aug 12-1940

Wilfred Miller and
I in my car leave
Jenkins at 8-25-
arrive at cor to see
28-29-32-33-140-28
at 9-15-

check stumps
to find cor.

U.S. Notes call for
W.P. 12 S 51° W 46 = 30.36
" P. 18 N 65° W 100 = 66.0
N.P. 24 N 60° E 80 = 52.8
Oak 6 S 70° E 27 = 17.82

I have Wilfred go
S to lake and have
Harold J. Curo

T. 140-28
Wabedo Lake

53

Aug. 12-1940

N. 1200 ft about
this way we
find the N W stump
from which we
find an 2 inch
pipe for cor and
stumps that
check as follows

⌒ over I.M. set
at $N 65^{\circ} W$ Turn
⌒ to 0° or N.

$N 58^{\circ} 50' E$ 53.10

$N 65^{\circ} W$ 65.93

$S 52^{\circ} 20' W$ 30.20

Harold J. Curo

54 T 140-28
Wabedo Lake

Aug 12-1940

Take new ties
to this cor cor to
Secs 28-29-32-33
New old N.P. 14 N 50° 06'
E 30.75 this tree
was used by
Green about 20 years
ago

W.P. 14 N 52° 43' W
27.15 new blaze
N.P. 12 S 31° 35' W
49.50 new blaze
W.P. 12 S 70° 28' E
37.85 new blaze

Harold J. Curo

140-28

55

Wabedo Lake

Aug 12 1940

PM

drive to Wolf Lodge
ask about road to
Hunter lake

we then drive
back and find
old road we
drive to within
a few blocks of
south end of
Hunter lake leave
car walk to
lake then around
to S W cor of lake
and look for M.C.
No 41

Harold J. Curo

56 140-28
Wabedo Lake

Aug 12 1940

where U.S. Notes
call for.

N.P. 6 N 88 W 29 =
19.14 ft

W.P. 4 S 42° E 17 =
11.22

brush too thick
and as we do
not know just
where to look
we do not find
them.

We walk back
around lake
to about where
map shows the
Harold Curo

140-28

57

Wabedo Lake

Aug 12-1940

line crosses lake
and look for M.C.

N^o 40 where

U.S. Notes call for

W.P. 10 N 12 E 37 = 24.42

N.P. 9 S 35 E 21 = 13.84

can not find

either and as

it is getting close
to quitting time

we go back to car

and leave for

home at 5-45-

8- $\frac{1}{4}$ mi

Harold J. Curo

58 140-28

Wabedo Lake

Aug 13-1940

Wilfred Miller
and I in my
car J. W. C. in
his car drive
to Pine River
where we pick
up Oliver Olson
and his camp
outfit load came
in the two cars
and drive to

Sec. 28-140-28

in load pit road
then go to cor to

Secs. 28-29-32-33

140-28

Harold Curo

140-28

59

Wabedo Lake

Aug 13-1940

⌞ over I.M. co to

Secs 28-29-32-33

140-20

⌞ at N 65° W site

on B.T. stump

for Max Turner

⌞ to O which is

North at 4° Var.

and start a line

North. Then turn

a 90° and run

E to the road set

one hub each

side of the road and

one in  then

Harold J. Curio

60 140-28

Wabedo Lake

Aug 13-1940

go and con't
line North

P.M. out
Wilford and Oliver
cut picket line

N S.W.C. and I
in my car drive
to E line sec 28
140-30 and find

old stubs of old
cut brush from
which we follow
N and find the
N.E. cor sec 28

Where U.S. Notes
call for

Harold Curo

140-28

Wabedo Lake 61

Aug 13-1940

See 21-22-27-28

140-28

Tan 16 N 60 E 48

" 8 S 25 E 43

" 19 S 80 W 22

W.P. 20 N 39 W 43

We find these
and a $2\frac{1}{2} \times 48'$
I M walk back
to car go call
Wilfred a Oliver
and come home
Arrive at Work 9-30
Leave - 5-30

7 hr.

Harold A. Curo

62 140-28
Wabedo Lake

Aug 14-1940

Wilfred and I in
my car leave
Jenkins at 7-25
arrive at cor to see

28-29-32-33-140-28

Wabedo Lake at

8-10 Oliver Olson

is not home so he

must be on the line

Wilfred and I start

at I.M. and chain

N 100 foot tape. I

forgot to get lath

so make chain stakes

mark each one

- Harold J. Curo

140-28

Wabedo Lake

63

Aug 14, 1940

@ 100 stake @ 200 stake

@ 226.50 RR spike hub

@ 300 N stake 400 stake

@ 486.45 N RR spike hub

@ 500-600-700-800 stakes

Meet Oliver Olson

he started at 8-30

he said he had

been running

lines by his self

with his compass

@ 805.15 RR spike hub

@ 900-1000-1100-1200 N stakes

@ 1244.20 N RR spike hub

@ about 1200 N we

leave cast out line

Harold A. Curio

all hubs on this line

double center
marks

64 Wabedo Lake
140-28

Aug 14 - 1940

and run to the East

@ 1300-1400-1500-1600-
1700 N take

@ 1748.75 RR spike hub

@ 1800 stake set up
pickets take everything
go back to car at

cor to sec 28-29-32-33

eat dinner

P.M.

Continued
on page 76
this book

Drive 1 mile east

walk N to cor to sec

21-22-27-28-140-28

Where U.S. Notes call

for

Harold J. Curo

Wabedo Lake 65
140-28

Aug 14-1940

Tan 16 N 60 E 48 = 31.68

" 8 S 25 E 43 = 28.38

" 19 S 80 W 22 = 14.52

W.P. 20 N 39 W 43 = 28.38

⌒ over point 14.52
N 80 E from 19 inch
Tan stump

stumps stand ~~on~~
Viz

N 42° W 28.38

N 56° 37' E 31.50

S 25° 25' E to old

lob and rotten stumps
about 29.4

8" Tan sets S 69° 12'
E 19.6 H.J.C.

66 Wabedo Lake
140-28

Aug 14-1940

~~He~~ °

This Tam is doubt
has scribble marks
but is round.
not blazed

New Ties to this

Cor. 21-22-27-28

140-28 Veg

Spice 10 N $57^{\circ}42' E$
9.78 ft

Spice 14 N $70^{\circ}30' W$
22.52

Spice 7 S $50^{\circ}30' W$
27.60

Spice 14 S $38^{\circ} E$ 44.20
Harold J Curo

Wabedo Lake

140-28

67

Aug 14-1940

at this cor we
reset $2\frac{1}{2} \times 48''$

I M Cap on top
and run south
on 006' using
S W stump for base
cut line S to lake
while Oliver Olson
walks around

north end of lake
Wilfred Miller and
I walk back to
I.M. cor to see

21-22-27-28

140-28

Harold J. Curo

68 Wabedo Lake
140-28

Aug 14-1940

and chain
South 100 ft chain

@ 80.15 wood
hub. #

Note I set this
hub because

I found a old line
picket setting E
of our line 3.80 ft

@ 100 - 200 - S stakes

@ 260 leave swp SE NW

@ 300 stake

@ 347 south old road
NW-SE

@ 400 stake

Harold J. Curro

Wabedo Lake

140-28

49

Aug 14, 1940

@ 416.90 RR spike
hub,

@ 500 stake

@ 511.77 flag
in water

we knock down
reeds so as to be
able to see said Flag
from other side of
small lake I rent
Oliver around lake
and set Picket to
cut by he never
cut any but went
looking for old line
Wilfred and I

70 Wabedo Lake
140-28

Aug 14-1940
chain to flag then
Wilfred goes around
lake sets hub
on sea wall and
Hain and Oliver
cut brush to top
of hill and sets
RR spike hub
then cuts out line
to road while
I come around
lake with π
quit for night
at 6-30.

9 hr. 20 min. Oliver 9 hr
Collet
Cont on page this book

Harold J. Curo

Wabedo Lake
140-28

71

Aug. 15-194

Oliver Olson

out line $\frac{1}{2}$ m.

had to quit because
of Rain

Oliver Olson

$\frac{1}{2}$

Harold J. Curo

72 Wabedo Lake
140-28

Aug 16-1940

I had to take
Bryants nurse
Home to Pillager
because she was
sick did not get
back until 1 o'clock
so got a late start

I pick up Wilfred
with my car at
9 o'clock drive to
Wabedo Lake arrive
at 9-45

Harold J. Curo

Webbed Lake
140-28

73

Aug 16-1940

From I.M. cor to 28-
29-32-33 we
chain East 173.6

to RR spike hub on W
E side of road @

191.4 RR spike hub
center of road at

205.30 E RR spike
hub on East side of
road

⌒ over hub 205.3
take Tris

N.P. 10 N $29^{\circ}55'W$ 46.26

Oak 7 S $2^{\circ}55'W$ 9.06

Harold J. Curo

74 Wabedo Lake
140-28

Aug. 16-1940

π over hub 205.3
E on south line
Sec. 28-140-28
called Sta 1.
start and run
road.

π over Sta. 1
B.S. West on IM
and Run
N 12° E 419.05
to Sta 2.

π over Sta 2
Harold J. Curo

Wabedo Lake

140-28

75

Aug 16-1940

B.S. S 12° W and
take ties to Sta 2.

Birch 12 N $72^{\circ} 07' E$ 46.55

Oak 6 N $43^{\circ} 28' W$ 8.7

P.M. -12-45-

π over Sta 2 B.S.

S 12° W and Run N

$29^{\circ} 30' E$ 445.73

to Sta 3

π over Sta 3 B.S.

S $29^{\circ} 30' W$

Take ties to

Sta 3.

Birch 4 S $82^{\circ} 50' E$ 33.00

Pop. 6 N $22^{\circ} 45' E$ 25.15

Harold J. Caro

Caution page 102
this book

76 Wabedo Lake
140-28 Sec 28

Aug 16 1940

We leave this and
go to sec line bet
Sec 28-29 and
continue north
so Oliver will have
something to do
tomorrow

Continued from page
64. this book

⌘ over hub 1748.70' N
on sec line bet sec 28-
29-140-28 we continue
line North

Note:- Oliver Olson
said he had cut
H. J. Co

Wabedo Lake
Sec 28-140-28

77

Aug 16-1940

threw all the heavy
cutting and was
entering open co.
that is why we left
the road to give him
a new start but
when we got here
he had only cut
about 100 ft of line
this A.M. and it look
like damn heavy
cutting ahead to me
from here.

Harold J. Curo

78 Wabedo Lake
bet sec 28-29-140-28

Aug 16-1940

From stake marked
1800 N we chain
N using a 300 ft
steel tape

@ 1959.1 RR hub

@ 2100 - 2400 N stakes

@ 2492.7 N RR spike
hub.

@ 2500 N stake

@ 2600 N stake

Oliver Olson 8 1/2 hr.

Wilfred Miller 7 1/4 "

HJC 7 1/4 "

Harold J. Curo

Wabedo Lake 79
bet Sec 28-29
140-28

Aug 17-1940

I pick up Wilfred
Mitter in my car

JWC with his car
leave Jenkins 8.50
arrive at Wabedo
Lake at 9.30

Wilfred goes with

J.W. Curo I go to
where we left off
on sec line bet

28 & 29 - 140-28

where Oliver Olson
is to be cutting line
cut line until Noon
Oliver goes home to
dinner

H.J. Curo

80 Wabedo Lake
Sec 28-140-28

Aug 17-1940

I go to my car
drive N until
I find J.W.C. help
him ~~and~~ finish
we eat dinner
J.W.C. goes to Pine
River Wilket and
I go back to line
bet. 28-29-140-28
where we find
Oliver cutting
line starts to rain
Oliver goes in at
2-13 Wilket and I
set hubs and continue
Chaining
H.J.C.

TIME SHEET

Working for Mrs. ^{Sum} 140-28

Aug 9-12 13 14 15 16 17 18 19 20 21 22 23 24 25 1940

JW Euro 7 - 7 - - - 2

Car 1 - 1 - - -

Exp

HJ Gano 7 8 1/4 7 9 1/2 - 7 1/4 5 Paid in Full

Car 1 1 1 1 - 1

Oliver Olson 7 9 1/2 8 1/2 5 Paid in Full

Wifred Miller 8 1/4 7 9 1/2 - 7 1/4 5 8/11 10 pt 17-1940

Wadedo Lake
82 See 28-140-28

Aug 17-1940

From stake marked
2600 N @ 2900 N
nit stake

@ 3073.4 RR spike

Hub.

@ 3200 N stake

@ 3281.45 RR spike hub

@ 3300 N nit stake

too wet Wilfred
and I go back to
car on road will
work on road if
not raining,

back to car 3 o'clock
raining hard

Harold J Curo

Cont'd on page 87 this Book

Time down
Elson

83

9	7
13	7
14	9
15	.50
16	8.50
17	5

37.00

4

14.80

ch 14.85 in full

aug 17 - 1940

JMC.

84 Harold

9.30-

Am $2\frac{1}{2}$

4

$5\frac{1}{2}$

5 Hours

Wiped
and

85

5 Hours

12	80	25
13	70	00
14	90	20
15	70	15
17	50	50
	30	

37 @ 30

3
11.10

Vali
wiped
7 hours for
2 at paid for
Mistake
\$2.10

\$11.10 Charge
for webbed work

86

Aug 19-1940

Harold

Figuring Time, Washed

Aug 9 -	7	00
12	8	15
13	7	00
14	9	20
14	7	15
17	5.	00
	43	50

44 @ Harb.

$$\begin{array}{r} 44 @ Harb. \\ 6 \\ \hline \$ 26.40 \end{array}$$

Wabedo Lake 87

140-28

Contd From page 82

Aug. 20-1940

Wilfred Miller and
I in my car leave
Jenkins drive to
Wabedo lake area.

8-50 walk $\frac{1}{4}$ mile

west and about $\frac{1}{2}$ N

where we find Oliver

Olson cutting line

Oliver put in 4 hrs.

Monday,

Traveler hut 3281.45

N continue line

N bet secs 28-29

140-28

beg at stake 3300 N

we chain N 100ft chain

Harold Caro

88 Wabedo Lake
Sec 28-140-28

Aug 20-1940

@ 34-35-36 and 3700

N stakes

@ 3707.70 N RR spike

hub

@ 3800-3900-4000-4100

N stakes

@ 4190.10 N RR spike hub

@ 4200 stake

Go to dinner see
two deer on live
walk to within
50 ft of them be
for they see us
a doe and for

Harold J. Curo

Wabedo Lake
Sec 28-140-28 89

Aug 20-1940

P.M.

@ 4300 - 4400 - 4500 N

stakes

@ 4552.40 RR spike

hub

@ 4600 N stake

@ 4700 N stake

@ 4775 enter cranberry

bog E & W

@ 4800 - 4900 stakes

in bog

@ 4950 leave bog,

@ 5000 stake

@ 5031.00 RR spike hub

@ 5100 - 5200 stakes

90 Wabedo Lake
Sec 28-140-28

@ 5280 N RR spike
hub

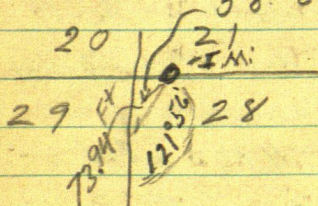
↑ over hub 5280

I.M. cor to sec

20-21-28-29 sets

N 58° 04' 73.94 ft

58° 04'



29 28
32 33

Wabedo Lake
Sec 28-140-28 91

Ht cor to Secs 20-21
28-29-140-28

U.S. Notes call for

Oak 5 S 33 E 31 = 20.46

N.P. 30 S 52 W 57 = 37.62

W.P. 33 N 35 W 28 = 18.48

W.P. 24 N 30 E 40 = 26.40

WP 24 NE = 26.33

WP 33 NW = 17.68

NP 30 SW = 37.00

93

$$N 58^{\circ} 04' E 73.94$$

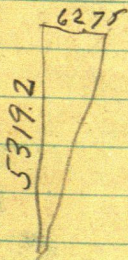
$$\sin 84805 \times 73.94 =$$

$$\cos 529.9 \times 73.94$$

$$\begin{array}{r} 84805 \\ 74 \end{array}$$

$$\begin{array}{r} 33922^{\circ} \\ 593635 \\ \hline 62.7557 \end{array}$$

$$\begin{array}{r} 1329.8 \\ 39897 \end{array}$$



$$\begin{array}{r} 5.8 \\ 74 \\ \hline 212 \end{array}$$

$$\begin{array}{r} 371 \\ \hline 39.22 \end{array}$$

94

Aug 24 - 40

Firing

-0.118

53192 / 62.750.

53192

95580.

53192

423880

53192

118

425536

53192

53192

6276656 0.118

Tang = $0^{\circ}40' +$

0° 40' = 0.116

50 0.145

16

29

0 40' = 116

29

0 41' = 118.9

Time Sheet Week ending Apr 24

Apr 18^{Sun} 19 20 21 22 23 24^{Sun} 25
1940

J.W. Curoth 0 -

Car - -

Exp. - -

H.J. Curoth 0 0 8 $\frac{1}{3}$ 4 $\frac{1}{2}$ 0 3 $\frac{1}{2}$ 8

Paid in Full

Car. 0 0 1 1 $\frac{1}{2}$ 0 1 1

G. Olson, Jr 0 4 9 4 $\frac{3}{4}$ 0 3 $\frac{1}{2}$ 8

Paid in Full

W. Miller Jr 0 8 $\frac{1}{3}$ 4 $\frac{1}{2}$ 0 3 $\frac{1}{2}$ 8

Paid in Full

96

corrected

Went for su 28-

170-28

0118 E for each H.

Hob

221.5

97

Rams

62.75 • 5319.20

5280 gals E 62.30

5031.0 gals E 59.37

4552.4 gals E 53.71

4190.10 gals E 49.44

47.05 • 3989.4 - 1

3707.7 gals E 43.75

3281.45 gals E 38.72

3073.40 gals E 36.26

31.37 • 2659.6 = 1/4

2492.17 gals E 29.42

1959.10 gals E 23.12

1748.75 gals E 20.6

15.68 • 1329.80 gals E 15.68

1244.20 gals E 14.68

805.15 gals E 9.5

486.45 gals E 5.74

221.5 gals E 2.61

0°40'

98

511.775

15° 58'

N 15° 53' E

68° 15'

251.7
S 84° 07' W

250.37

1347.44
1365.54
25.80

84

99

Sun

84°00' 99452₃.

1 99455

2 99458

3 99461

4 99464

5 99467

6 99470

7 99473

8 99476

9 99479

84°10' 99482.

100

err

84° 10' 10 16

9 = 10 19

8 10 22

7 10 25

6 10 28

5 10 31

4 10 33

3 10 36

2 10 39

1 10 42

84° 00' 10 45

136.5-84

47 7

1413 54

125-5

1539 04

13-5

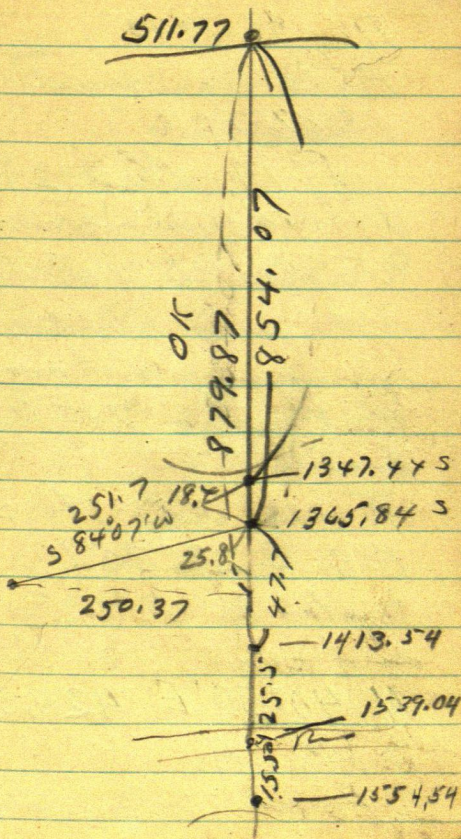
13-54 54

879.87

25-80

854.07

184



102 Wabedo Lake
Sec 28-140-28

Aug 21-1940

Figuring connections
all P.M.

P.M. Start 2 P.M.
Wilfred & I in my
car drive to Wabedo
lake and continue
running out road
See page 75 this
book

Then over Sta N^o 3
B.S. S $29^{\circ}30'W$
to sta. 2.
and run

N $40^{\circ}30'E$ 424.5
to Sta. 4

Harold J. Curo

Wabedo Lake
Sec 28-140-28

103

Aug 21-1940

⌒ over sta 4

B S S $40^{\circ}30' W$

to sta 3

and run.

N $41^{\circ}00' E$ 797.9

to sta 5

⌒ over sta 5

B.S. S $41^{\circ} W$

and Run

N $70^{\circ}30' E$

329.30 to

Sta. 6

Harold J. Curo

Wabedo Lake
104 Sec 28-140-28

Aug 21 - 1940

⌞ over Sta 6

B.S. S $70^{\circ}30'W$

and Run

N $47^{\circ}00'E$

390.15 to Sta

7

⌞ over Sta 7

B.S. S $47^{\circ}W$

and run

N $29^{\circ}00'E$

260.35 to Sta

8

⌞ over Sta 8

Harold J. Curo

Wabedo Lake
Sec 28-140-28

105

Aug 21-1940

B.S. S $29^{\circ}00'W$

and Run

N $39^{\circ}00'E$

413.55 to Sta 9

π over Sta 9

B.S. S $39^{\circ}00'W$

and Run N $4^{\circ}00'W$

292.5 to Sta 10

π over Sta 10

B.S. S $4^{\circ}00'E$ and

Run N $14^{\circ}00'E$

452.30 to Sta

11

Harold J. Curo

Wabedo Lake
106 Sec 28-140-28

Aug 21-1940
A over Sta 11
B.S. S 14° W
and run N 52° E
183.7 to Sta 12
quit for night
6-35

Harold J. Curo

Wabedo Lake
See 28-1340-28 107

Aug 23-1940

I pick up Wilfred
in my car drive
to Wabedo lake where
we meet Oliver
Olson and we
continue running
out road.

start work 9 o'clock

π over sta. 12

B.S. S 52° W

and run.

N 80° E 251.6

to Sta 13

π over sta 13

B.S. S 80° W and

Harold J Curo

108 Wabedo Lake
Sec 28-140-28

Aug 23-1940
run South $71^{\circ}00'$
E 340.90 to
Sta 14

π over Sta 14
BS N 71° W and
run East.
435.20 to Sta 15

π over Sta 15
B.S. West and
run N $71^{\circ}30'$ E
245.20 to Sta 16

π over Sta 16
Harold & Curro

Wabedo Lake
See 28-140-28

109

Aug 23-1940

B.S. $S 71^{\circ} 30' W$ and
run South $82^{\circ} 30' E$
365.30 to Sta. 17

π over sta 17

B.S. $N 82^{\circ} 30' W$
Run $S 73^{\circ} 30' E$
322.4 to Sta 18

π over Sta 18

B.S. $N 73^{\circ} 30' W$
and run $N 78^{\circ} E$
576.7 to Sta 19

π over Sta 19

B.S. $S 78^{\circ} W$ and run
 $N 49^{\circ} 02' E$ 405.9
Harold J. Curo

MO Wabedo Lake
Sec 28-140-28

Aug 23-1940
to Sta 20

π over Sta 20

RR spike on E line
of Sec 28

cornts $N1^{\circ}47'E$
1554.34 ft

Harold J. Curio

Wabedo Lake
Sec 28-140-28 III

Aug 24 1940

I pick up Wilfred
Miller with my
car drive to Wabedo
Lake arrive at 9 o'clock
Oliver Olson waiting
we drive to Sta
5 on road thru
Sec. 28-140-28
where I set π .

π over Sta 5
B.S. S 41° W and
run East 32-38 ft
and set a pin

π still on sta 5
Harold J. Curo

112 Wabedo Lake
Sec 28-140-28

Aug 24-1940

focus N $70^{\circ}30'E$
on stake and
set a RR spike
34.5 on this line
NE of Sta 5

Over RR spike 34.5
focus N $70^{\circ}30'E$ on
stake and run
south I miss the
pin about $\frac{1}{4}$ inch
from center. I set
a RR spike there
it is on my N+S
line and 32.40 E
of Sta 5

H. J. C.

Wabedo Lake
Sec 28, 140-28 113

Aug 24-1940

Cut line south and
North

P.M.

beg. at a RR spike hub
32.40 E of sta 5 &
chain south.

100 ft chain.

@ 100-200-300-400-500-
600 south stakes

@ 669.30 hub

@ 700-800 s stakes

@ 833.90 RR spike
hub. @ 900 stake

@ 912.80 RR spike
hub on sea wall

14 ft N of water

Harold J Curo

Wabedo Lake
114 Sec 28-140-28

Aug 24, 1940

beg. @ RR spike 32.40

E of Sta 5 Chain

N. @ 11.5 RR spike

hub. @ 100 - 200 - 300

Stakes @ 386.7 N RR

slope hub @ 400 N

500 - 600 N stakes

@ 678.5 Center of 14

inch N.P. stump

@ 700 N stake

@ 779.20 N RR spike
hub

@ 800 - 900 N stakes

@ 932.89

@ 937.00

@ 941.11

Harold Curo

Wabedo Lake.
Sec 28-140-28 115

Aug 24-1940
quit for night and
take Oliver to Pine River
5-50

8 hr. work

Time Sheet
Page 95 this
book

Harold J. Curo

Wabedo Lake
116 sec 28-140-28

Aug 26, 1940

I pick up Wilfred
Miller at 7:30 drive
in my car to Pine
River where I pick
up Oliver Olson
and his brother-in-law
we drive to Wabedo
lake arrive at 8:30
we go to hub 2492.7
N. From which we
set a hub @ 2659.6
Over hub 2659.6
Turn 90 and run
east 31.37 and set R.R.
spike for temp $\frac{1}{4}$ on
west side sec 28-140-28.

Harold J. Caro

Wabedo Lake
Sec. 28-140-28 117

Aug 26 1940

⌘ over hut 2659.6
N ~~from~~ North and
turn 90° R. and
start line then
Turn $0^{\circ}11'$ more
making $90^{\circ}11'$ for
N.E. angle and run
East at 31.37 I miss
RR spike temp $\frac{1}{4}$
.12 to the S

Cut line until
noon Cloudy and
misty

P.M.

beg at temp $\frac{1}{4}$

Harold F. Curo

118 Wabedo Lake
Sec 28-140-28

Aug 26, 1940

on west side of
Sec 28-140-28
chain East @
100-200-300 E stakes
@ 346.4 E RR spike
hub

Note! - at 346.4 I
set a point and
as my line runs
1/2 of a foot S of my
1/4 cor I set this hub
1/2 of a foot North
over hub. 346.4
I back site on temp.
1/4 and run E.
Harold J. Carr

Wabedo Lake
Sec 28-140-28 119

Aug 26-1940

@ 400-500-600 E
stakes

@ 653.6 RR spike hub

@ 700-800-900-1000
1100 E stakes

@ 1117.6 E RR spike
hub

@ 1200-1300 E stakes

@ 1325.38 spike

.20 south of spike

932.89

This is 2.29 Ft too

long E & W but

O.K. N & S.

π over hub 1325.38

(string enter section)

H.N.C.

120

Wabedo Lake
140-28

Aug 26-1940

S.W angle reads
 $89^{\circ}29'$

S.E angle reads
 $90^{\circ}31'$

They should read
 $89^{\circ}31'$ for SW angle
and $90^{\circ}29'$ SE "

This shows that
the N & S line
is $0^{\circ}03'$ about too
for E. I must have
not watched close
enough when I
turned at sta N 55
or K might have slipped
Harold J. Curo

Wabedo Lake

Sec 28-140-28

121

Aug 26-1948

quit at 3-45-

mistning heavy
everything wet

Harold J. Curo

Reed brings me
papers sent by
J. W. C. just as
I am eating
supper.

6 $\frac{1}{4}$ hrs.

10560

70711

10560

10560

73920

3920

746708160

5280

2640

7820

1. Baker 135-29
Nisswa

U.S. Notes Sec 14
135-29

Sec. 13-14-23-24

Tam. 4 N $77\frac{1}{2}$ E 70

" 4 N $48\frac{3}{4}$ W 61

" 3 S $38\frac{1}{2}$ W 52

" 6 S 42 E 65

N True Line bet 13-14

40.00 $\frac{1}{4}$ Cor bet 13-14

Blk Poin 8 N $77\frac{1}{2}$ W 18

" 8 S 22 E 26

4100 cut marsh and dead

Tan swp. E & W

52.00 Leave

79.00 Slough stream
at Wit Post

135-29

2.

Nisswa

Baker

US Notes

W.P. 30 S 9 E 34

N.P. 30 S 69 W 75

8000 point for cor to
see 11-12-13-14 in
slough

Cor to sec. 14-15-22-23

135-29

N.P. 20 N 17 E 87

" " 20 N 75 W 341

" " 20 S 81½ W 266

" " 20 S 13 E 210

N. true line bet 14-15

4000 ¼

Blk R. 6 N 74 E 50

N.P. 14 N 80 W 209

735-29
3, Niiswa
Baker
US Notes

8000 Cor. to 10-11-14-15

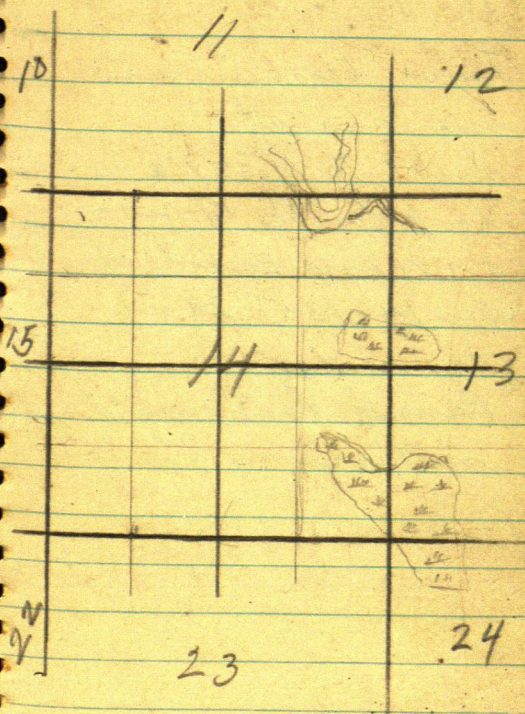
BkP, 9N 62 E 45

" " 10 N 42 W 27

" " 10 S 19 W 38

" " 12 S 31 E 60

Sec 14-135-29
Nišwa Bakid



135-29
5 Nisswa
Baker

Aug 1-1940

Leave Jenkins in
my car at
drive to Nisswa to
look for the $\frac{1}{4}$ corrs
on W and E side of
Sec 14-135-29

car reads

Rained last night
still raining a little

35739 Trailer
31637

From Hub 104.2 S of
cor to 89-16-17
Run S $30^{\circ}50'$ E 1237.5
to sta 1.

From sta 1 Run S
1077. to sta. 2

From Sta 2 Run S. 92°
1572.5 To sta. 3

From sta 3 S
1160. to Sta 4

Pg 31

161.00

104.88
56.20

161.00

Pop 6 N 15 W 36.9
F Port N 85 E 56.

1850

11100

11100

122100

SE
89° 29'

NE
90° 31'

179 60'

599 10

23.3

5767

Act 27 1/4

Baker Wisconsin

Can Roads 38 2/3

Two (Baker) Road

Back at 4 1/2

38 2 2/3 Can Road

92,770

740 713 450

840 1000 450

990 31868

1010 4-20 720

310 975

930 18

925 180 18775

718 45 180

1620 135 23

135 1710 900

755 36 450