

3

135-9

Ed Bane
Dickinson and
Gillispie
Gull and Round L.

143-29-142-30
old notes

Bryant - Harold C.

J. W. Curo

Apr 19-1919

No. 1201

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

135-29
Banc Townsite

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Ties 38-69.
Co Road Angler My Chair 50-51-52
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Lake Shore Gull-Pg 36-41-44-48-52
" " " 57. 67
" " " Hubert 75
So Bdry Dec 25-Pg 95-28
H " " 25 Pg 30-31-89-90-92
Lake Shore Round Lake 58
Foot of Hill Pg 64.

2

135-29

Gull Lake Plot

135-29 - Secs 25-26-35-36

Bane Survey

I am working for

E.C. Bane Brainerd Minn
and

Dickinson & Gillespie (Inc)

Realtors-Planners & Developers
of high Grade Subdivisions

733 Metropolitan Bank Bldg
Mpls Minn

135-29

3

Bane Sweeney

April 19-1919 Saturday

Lv Cornell and catch
auto to Brainerd @ 3 P.M.

To get water ready for
Sweeney & Townsend on Gull
lake $\frac{1}{2}$ day for Bane

Sunday April 20-1919

All day at home in Brainerd

4

135-29
Banc-Gilispie

April 21-1919 Monday

E.C. Banc and I Lv Brainerd
in his Overland and we go
to J.D. Cornell farm via
Minifield - get my Gurley transit
and my broken H & B transit
and while Harold is working for
Lake Edward Town Board

Banc and I drive West - look
over grounds and take dinner
with Geo Rardin at the old Bishop
Ranch on Ball Lake

The land to be platted is

All of that part of Goat Lot
N^o 2 of Sec 25 - T135-29

lying wholly within the
SW $\frac{1}{4}$ of the NW $\frac{1}{4}$

All of Goat Lot No 1-2-3-4
Sec 26 - 135-28

All of Goat Lot 1. and that
part of Goat Lot 2 lying

April 21-1919 Cont'd

NE of the creek in Sec 35
135-29 EXCEPTING the E 5
acres of Lot 1. Sec 35
and EXCEPTING also

apices of land Reg'd a cement
Monument on the shore of Gull
Lake 2310.9 FT West and
175 FT N of SE cor of sec 26-135-29
thence East parallel to Sec line
214. ft Thence still East 50. ft
thence N @ right angles 165. ft
thence West 264. ft to iron
monuments containing 1.00 acre
Note: This acre is the Chas H
Walker acre

This land is to be platted
in the name of Ceth D
Peacock

April 21-1919 contd

PM

Banc hires Winfred W.

Rardin (Brother of Leon and
Rardin and son of Geo N.

Rardin) to help cut brush

Banc then goes back to Beamish
John W Curo stakeout Sec line

bet 26-35-135-29 and cut
brush along old tract line
established by F A Glass. CE

in August 1910

Curo has dinner - supper and
over night with Geo N. Rardin

Grind axes Rain all PM

(Harold J Curo is still working
for Lake Edward Trap and boarding

with J. D. Cornell.) Bryant
and crew meet me on their way back
from Beamish. Rardin grinds axes

until about 10 PM. John W Curo

April 22-1919. Tuesday

I lay out the work for Winfred Rardin to cut brush West and North on So. 4th E. side of sec

26-135-29 get dinner with

Rardin and in P.M. start 1-

walk to Brammer

Meet Slauje

building a house on an acre of land he bought from Henrietta

Peterson (Widow) R5 Red Win

owns 30 acres Govt Lot N2

See T. 134 R. 29

I walk part way catch ride in Maxwell Cor and will send Ch. \$1.50 to H. Whitmarsh

411. Farrer St Brammer Win

Tel 713 M3 We pick up

Harvey King son in law of Mrs Peterson on the side Long Lake.

John W. Clark

Board Sheet

Baird-Pearcock-Graves Survey Boarding with

Mrs Geo M. Randin

April 1919	SUN	20	21	22	23	24	25	26	27	28	29	30	
	0	-	-	-	-	-	-	-	0	-	-	-	15 m
													5 L

John W. Curo

EC Baird

Harold J. Curo

Roy E. Bryant

Clifford Glisspie

Mpls @ 35¢ Lodging @ 20¢

Carried To Page 34

Time Sheet

Bone - Peacock - Gillespie Survey

April 1919

	SUN	19	20	21	22	23	24	25	26	27	28	29	30
John W. C. Co.	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
John W. C. Co.	1/2	0	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
Exp	0	0	0	0	0	0	0	0	0	0	0	0	0
Archie	0	0	0	0	0	0	0	0	0	0	0	0	0
Harold J. Cress	0	0	0	0	0	0	0	0	0	0	0	0	0
Winifred Hardin	0	0	0	0	0	0	0	0	0	0	0	0	0
Roy E. Bryant	0	0	0	0	0	0	0	0	0	0	0	0	0
John Doran	0	0	0	0	0	0	0	0	0	0	0	0	0

= 4 1/2

= 4

= 7 PM

= 4 1/2

5/8

Continued on page 36

10

135-29

Bone- Peacock Gelispe Survey

April 22-1919 Contd

Roy Bryant was to have come
down on the morning train. I call
him up and he says he cannot
come

Everett H. King likes supper with
me and I go to J. D. Cornells in
my Ford via Merrifield

King follows me in his car to
Merrifield -

Supper at home over night @ Cornells

John W. Carr

135-29
Bone-Peacock - 4

11

April 23-1919 Wed

Land Harald are working
for Lake Edward trap
See Smallfield took
No 2

Winfred Rardin cuts
brush along East
bdry of sec 26 - 135-29

12

135-29

Bene-Peacock-Lichinson and Cielispie
Gull Lake Plat

April 24-1919 Thursday

No one working today as Rardin
lays off. Harold and I settle up
with Lake Edward Turp and
hire my Ford from "Hell"

Cornell's after supper - over to
Geo Rardin where we get lodging
ready for work tomorrow

See Small field Book N:2

John W Caro

April 25-1919 Friday

Harold J. Curo ^{III}. Winfred
Kardin a - work together

I call up Roy E. Bryant at
Jenkins and he comes to Nisswa
on morning train where I
meet him with my Ford and
we go back to Kardin and
run lake shore line till noon

P.M.

Bryant and I work in one crew
Harold and Kardin in another

14

135-29
Gull Lake Plat

April 26-1919 Friday

Bryant and I work together
till noon Harold and Rardin
together till noon
P.M.

Rardin lays off and I go
to Brainerd in my Ford
Ar Bed 3 PM and get
Harold's ck cashed at
First Natl Bk \$55.

Harold and Bryant
work together till night
Bryant does not wait for
supper but goes home to
Jenkins for our Sunday
Frank Bryant comes for
him in his Ford

Harold stays close at
home with Geo Rardin

Bryant gets supper at Jenkins
I stay home in bed.
John W. Cress

April 27-1919 Sunday

Home all day in Bramm
Herald at Rardin's

Bryant gets back to Rardin's
for supper and lodging

Wesley-Mattie & Dwight
at our place all day

We go to show in evening
"Gean" goes home to Graham
with Wesley in evening

16

185-29

April 28 - 1919 Monday

I come back to Radium with
 E. C. Bane and Clifford Gillespie
 who arrived last night from
 Mpls.

I go over the field with them
 till noon - Bigant - run
 Liavut. Harold & Winfred
 and work with him

P.M.

Bane hires John Doran to
 cut brush for them in P.M.
 the boys report Doran "slow"

I spend nearly all P.M.
 with Bane and Gillespie laying
 out prospective stunts and
 points. then go to keep the
 crew - we get in for supper
 @ 5-P.M. just or Bane and
 Gillespie get ready to go

John W. Carr

135 29

17

April 29 1919 Tuesday

Bryant and I work on N Bdry
Horseshoe and Rardin further South

John Moran works one
hour in morning and
leaves when no one is
looking

Bane and Gilchrist come back
in morning with a photogra-
pher and get photo of
wild ducks in mud lake

I copy deeds 11-30 to
12 m. they then go back
to Beaumont

18

135-29

Apr 30-1919 Wed

Buzant and Rardin work together

Harold and I go back to
Beauregard to plat East Side
Addition @ \$172.00 @ \$4 a
lot.I send my survey outfit
in by Mail Carrier pay him
\$. Harold and I startto walk and catch on
pay him \$. to take us in
Late dinner at home @
12.30 P.M.Harold and I start
work in P.M. in Sec 9 - W. Brad
Sec. at the field Book N^o 4.Makler calls off the East
side. Add survey to us
will go back to Rardin
tomorrow John W. Carr

May 1-1919

Thursday

Bryant and Rardin work
together all day

P.M.

E.C. Bane brings Herald
and I out to Rardin's

Lo Bed @ 1-30 at Rardin's
2-30 - Herald & I get
in 3 Hours each in P.M.

Bane goes back to school
I am to pay him \$4. for
bringing us out.

This is Winfred Rardin's
last day to work for the
present.

I leave Grimes 2. plates
of Ft Ripley with Co Auditor
and Copy US Federal field
notes. viz our

John W. Cune

20

135-29

May 1-1919 Cont'd

U.S. Nalis read in part

West bet 25-36-135-29 on
11°30' E

3456 MC.

5569 MC.

7069 Trail

7950 Cor. l.

25-26-35-36

NP 24 N 46 E 110.

" 10 N 18 W 162.

" 18 S 8 W 114.

" 24 S 79 E 113.

South Bet 35-36 on 11°30'

208 MC.

North Bet 25-26 on

8000 S. MC. & Cor

JWC

135-29

21

May 1-1919 contd

US Nalis

West Rt 26-35 Jan 11°15'

1650 ascend Bluff 15 Mi N and S

2150 Pine River Road NE and S

2250 Leec Lake Road N and S

3660 MC on E shore Gull Lake

Blk Oak 22 N 74.3/4° E 57 L₁₀₃

Harold J Curo and I go to

Co. 25-26-35-36

where US Nalis call for

HP 24 N 46 E 110 = 72.60

" 10 N 18 W 162 = 106.92

" 18 S 8 W 114 = 75.24

" 22 S 79 E 113 = 74.58

We find a cement post

5x5x20 with iron rod

in center set for line on

set in Aug 1910 by
JWC

see Survey Book 23

22

135-27 Base

May-1-1917 Cont'd

FAGloss Mining & Civil
EngineerWe accept said Co as
correctOver which I set Harley
transit and using
true line looking North
Old B.T. stump stand
viz $10^{\circ}15'$ var

BT S. Mkd By Gloss

Old Stump 20" Pins $N50^{\circ}E$
73.30Old 20" Pins Stump $S77^{\circ}E$ 74.05 ft 1/2 "B.T." marks
in deep notches cut half
a foot into side of stumpGlass vials on blue print
say "Set from 4 old BT stumps
one showing original marks
Harold and I take new
bearings viz JWC

See Small Bk 28

135-29

23

May 1919 cont.

Oak 10" N 62° 10' E 40.36 FT

JP 12 N 61° W 32.08 FT

JP 12 S 30° 45' W 34.70 FT

NP 12 S 69° E 39.70 FT

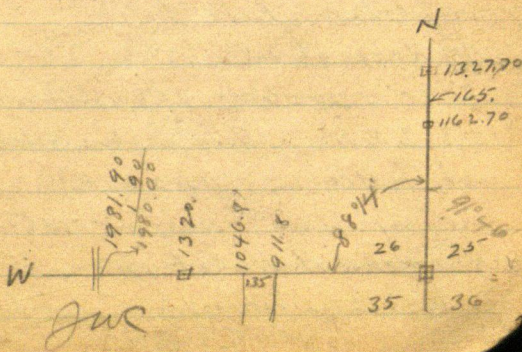
10 small nails in base
of trees not spotted
turned from true line N

We do not find the old
NW or SW or stumps

We take the angle of the
true line N and W
which reads

NW angle 88° 14'

See Survey 134 28



24 135-29
Bone - Gdipis Township
May 1-1917 - end
Chain carefully along
Glasser line line
North bet 25-26

on leads about $10^{\circ}15'$

@ 1162.80 5x5 - Cornat point
+ 165 = 1327.80 1/5 Glass

1/16 being S 1/16 Bet 25-26

Glass gives this as
1327.70 = (Close check)

We have previously run
the line

West bet 26-35 follow-
ing Glass line line

My Nalis read

200-400-600-800 stakes

818.20 Hub 911.80 Corn Mon

set By Glass = 911.80 Glass

survey (Close) set in NW Cor
of Frank A. Hanft "5 acres"

@ 1000 stake - 1075 foot
JWC

See pg 11 Small Book 28

135-29

25

May 1-1919 Contd

of sharp hill: ¹¹²⁰ 1117 Brink
of hill 1130 Hub on hill
1200 - slake

1320.0 ~~Cont~~ 5x5 C.M.

set by Glass for E 1/16 bet
26-35. Glass Ch calls
for 1320.0 (Close check)

1400 - slake 1401 & main
crooked road NE-SW

1600 - slake 1710. Hub

1800 slake ¹⁸²⁰ 1895 West brink
of hill 1900 small Hub

3/10 S and a few feet west of
an old hub set by Glass

1982 About. & new
state road vs

2013.60 Hub

As we appear to be
about 3/10 So of Glass Line
transit @ Hub 1900 cuts
too far South and hits
JWC

145

26

135-29

May 1-1919 Contd

a line just West of Hub 2013.60
therefore I cannot see Glass
Cement MC. a few hundred
feet West on bank of Gull Lake
and

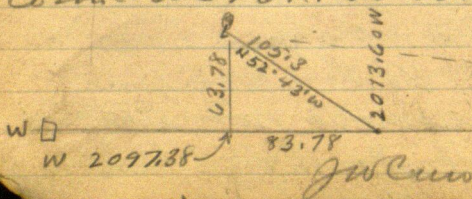
or an old blazed line
v.w. indicates that Glass
line is too far so I set
transit on Hub 2013.60
So edge of old Blazed
line bears

N 52° 43' W 105.30 ft
set small stake at so side
of line

52° 43'

Sin. $.79565 \times 105.3 = 83.78$ W

Cosine. $.60576 \times 105.3 = 63.78$ N



135-29

27

May 1-1919 Cont'd

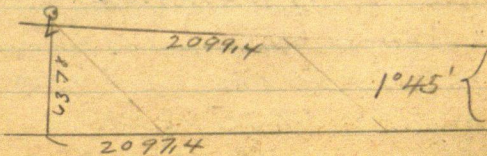
Correcting Book

presuming this old spotted
line to be the true line? $2013.6) 105.300 (.052294$ $.052294 \times 1600 = 83.67$

at 1600 West we run

N $52^{\circ}43'W$ 83.67 set Hub

Leup Sec line

Set transit on Hub
Leup line @ 83.67 Fore
sight West on Hub and
of line @ 105.30 and project
our trial line WestOur line cuts this corner
of big cut in hill made by
CL Math road EngSine $.99953 = 1^{\circ}45'$ 

John W. Curo

28

135-29

May 1-1919 Contd

Bryant and Rardin Bear Cr

25-26-35-36

follow Glass old line of
hubs and run

East bet 25-36 3-6-9-2111

913.30 Hub 1200 sh

1309.85 Hub 1559.45 Hub

Cement 5x5x20 Mon MC.

Set by Glass Levers 50 90°
48.30 ft

26	25	1559.45	Random my ch	$\begin{array}{c} \rightarrow \\ \downarrow \\ \downarrow \\ \downarrow \end{array}$
35	25			
		1571.46	True 1311.75 US	
		1571.46	Ft US = 1560.20	
		1559.45	my ch via Random my ch	
		12.01	Short	

$$1571.46 \div 12.01 = .00764$$

Also as this mile is short
only 7950 LKS. each 1320'
would be 1311.75 US ch and as
this is still shorter my ch

135-29

29

May 1-1919 contd

would be .00764 short

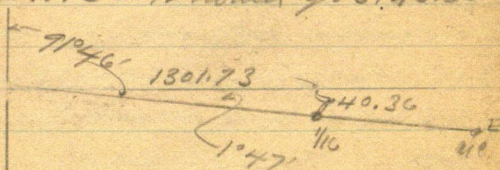
1311.75 is short 10.02' and =
1301.73 Ft by ch via my
random line

Correction

1559.45 E on sets S 48.30
= .031 Tang $1^{\circ}47'$

Correcting

1301.73 E should go S. 40.36



Bigant's notes

1559.45	gives S	48.30
1309.85	" S	40.61
913.30	" S	28.30
1301.73	" S	40.36 = $\frac{1}{16}$

May 1-1919 Contd

Beyants notes of Apr 29
are in port on

Re-Chained See Pg 89-90
Bey @ apt 6.50 ft N of
Cor li 23-24-25-26-135-29
1 inch I H See Cor set by Glass
I follow old line of hole
East.

Act 24-25

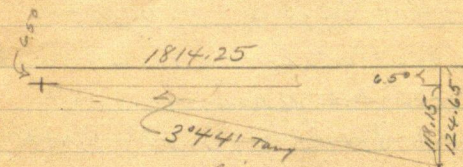
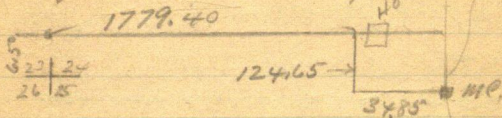
@ 300 slabs 430 L. mark 506.10
old Hub set by Glass on hill
600 slabs 634.75 old Hub
900 " 943.30 old Hub
1200 " 1244.30 " "
1500 " 1779.40 new Hub

On acct of Ice Ho on
line we turn 90° and are
South 124.65 ft to Hub
Thence East 90°

34.85 ft to Cem Mon =
5x5x20 MC set by Glass

May 1-1919 Cont'd

Pigants old values (Figuring)



Correction =

.06512 of a foot South for each foot
E corp plus 6.50 at each correction

Hub

$$506.10 \text{ S } 32.96 + 6.50 = 39.46$$

$$634.75 \text{ S } 41.83 + 6.50 = 47.83$$

$$943.30 \text{ S } 61.43 + 6.50 = 67.93$$

$$1244.30 \text{ S } 81.03 + 6.50 = 87.53$$

$$1294.52 \text{ S } 84.30 + 6.50 = 90.80 = 1/4$$

$$1779.40 \text{ S}$$

$$1814.25 \text{ S } 118.15 + 6.50 = 124.65 \text{ T.M.C.}$$

own

Re-Chained - See pg 89-90

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135-29

May 1-1919 Cont'd

Corrections

1849.98 Ft US = via random

1814.25 Ft my Ch

 35.73 short via my random

Correction =

 $1849.98 \div 35.73 = .00193$

1320 goes West 25.48 To 1294.52

1294.52 E goes

South 84.30 + 6.50 = 90.80

To E 1/4 Cor Bet 24-25

 Town 135-29 but we do not
 slip to set this

135-29
Bone Survey

33

May 2-1919 Friday

Curond Curo work with
Bryant none else works

Taking the line and
MC Cor Set by Glass as
the line MC Bet 26-35
on E bank of Gull Lake as
O.K. and

Assuming the East
line of Sec 26 or line N^o 15
then the So line would
run $N 88^{\circ} 14' W$

Transit on Glass's MC.
Back sight East

Gurley Transit perfect
adjustment of W.C. @ π
Perfect angles and Cham
CM @ White's acre bears
 $N 17^{\circ} 40' E$ 182. feet

From the MC we run along
the top of Sec wall following

May 1919

Board Sheet

1	3	3	SUN	7	8	9	10	SUN	11	12	13	14	15
---	---	---	-----	---	---	---	----	-----	----	----	----	----	----

Boarding With Geo Pardin

John W. Curcio

41 Curo

Rory Bryant

Alvin F. Hinkle

Meals @ 35¢ Lodgings @ 20¢

Brot from Page 8

Time Sheet

May 1919

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

Working for EC Band and Gilchrist Co

John W. Cress 8400 1/2 pm 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 = 12 1/2

Exp

- - - 0 - - - - 0 - - - - -

Harold S. Cress

1/2 pm 1 3/8 pm 0 1 1 1 1 1 1 1 1 1 1 1 1 = 11

Roy E. Bryant

1 1 3/8 pm 0 1 1 1 1 1 1 1 1 1 1 1 1 = 10 1/2

Whipped Hardin

1 - - 0 - - - - 0 - - - - - = 1

Alvin F. Henke

- - - 0 - - - 1 1 1 1 0 - - - - = 4

Brot From Page 9

Continued on Pg 114

36

135-29

May 2-1919 Contd

the vegetation line

Planning as to leave
a 66' street and dividethe lots in 50 ft shore front
figured from White's corner
thru the M.C. rd on SW

We run

S 17° 40' W 116 / Hub

" " " " 166 "

" " " " 216 "

" " " " 266 "

" " " " 316 "

" " " " 366 To pt 184 ft

from M.C.

We run 1400 feet of shore line
but find our 66' ft taken from the
Sec line would be 68.63 ft via
Lake shore (See page 37) so
we pull up our stakes and
will re-run this

Re-run
See Page

38

135-29
Bane - Gilispi
Golf Lake Plat

May 3-1919 Saturday

Curo - Bryant and curo
work on road lies

Point	Sta	Angle	Ti
Rardin Bridge	473+44.0	0.0	Q Bridge
IP	488+65.5	23° 9' L	8" Oak S 40° E
"	494+56.2	14° 43' L	Hub on Tang
"	507+20.7	24° 50' L	10" Pine East 18" " SE
"	517+60.0	32° 50' L	8" Ash SW 5" Oak East
"	519+15.3	22° 14' R	8" Basswood Hub in Marsh

The above are the Notes Telephoned
out by Mott about April-25-1919

We all work 3 Hrs in a.m. and quit
on acct of rain Curo works
bal of day on notes

Bryant goes home @ 4 P.M.

Alma has the "Flve"

es	Curve	Remarks
		New B.T.S. MKd
Both ways	0.0	May 5-1919 By Cur.
33 Feet	10°	
ahead 143.8	10°	
50.2	5°	✓
76.2		
46.9	16°	
45.6		
South 67.6	16°	
East 34.8		

May 4-1919 Sunday

All laid up & heavy rain
all day Bryant comes back
at dark with John Hardy
Alma has the flu

John P. Nash N.Y. Life Bldg
Mpls take me over his lands
and may want them platted. I think
it would cost \$600 to plat what
we are on now and nearly that
much for the Nash lands

135-29

Bane-Gilishie

41

May 5-1919 Monday

Curo-Bryant and Curo work alone
Fair day - Bane-McCall etc
come out a few minutes in P.M.

Set up on M.C. 182 ft SW
from the SW Cor of White's
acre and chaining from same
Leaving 68.63 ft for a 66' sheet
near the sec line and 50 ft
front for lots are run
in Sec 35-135-29

See Page 36

S 17° 40' W 186.63

S 26° 11' 30" W 250 To 436.63

S 32° 23' W 300 To 736.63

S 36° 48' W 300 To 1036.63

From Hub 1036.63

North Cor of House S 24° 17' E 97.5

East " " S 30° 55' E 122.70

South " " S 13° 35' E 111.70

NE Side is 28' NW Side 24.3

Miscellaneous

W.H. Cooley wants his land
surveyed in Sec 6-

Rosevelt Twp 5 mi' So of
Dykeham P.O.

$\frac{1}{4}$ on S^{2d} E side of 6 O.K.

Ralph Hill has telephone 1 mile
South (or North?)

Cooley was at my house
about April 29-1919

I will go out to see him in about
2 weeks.

Nels Christensen Box 33

Merrifield Min April 1919

Birney Neeland of Marsh Hill Maine
was born the same day I was

Miscellaneous

Old Nalis:

Tarn 4 N 32° 30' E 42.00 Ft

Tarn 4 N 38° 05' W 26.10 "

Tarn 5 S 59° 10' W 59.60 "

Tarn 4 S 54° 14' E 50.10 "

↑ Nalis. This is Harald's
writing and I copied it from
a piece of an old field book

Probably T 42-K30

Morrison Co Line

Fallon Survey I think

old Nalis

I think this is Act 31-32

T 43-29. ?

" at 5381.30 So interest
road line" See Gorton Survey

44

135-29

May 5-1919 cont'd

From 1036.63 in

S $42^{\circ}30'30''$ W-300 To 1336.63At 1257. SE Cor Boat Ho
is 0.15 North

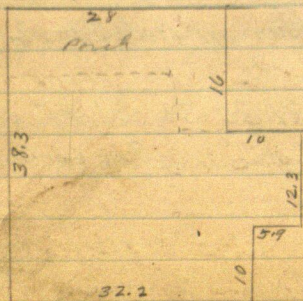
At 1275.2 SW Cor 1' North

From Hub 1336.63 the NW
Cor Boat Ho N 16° E 70.40 ft

Boat Ho is 30.3 x 18.2 Cem Foundation

From Hub 1336.63 Cottage Vig
NW Cor ^{Porch} S $16^{\circ}10'$ W 60.50NE Cor S 30° E 46.40

Porch 28' E and W



May 5-1919 Cont'd

From 1336.63 run

S $54^{\circ}02'W$ 553.57 to 1890.20

Slake Hut on E. bank of creek
from which E mouth of creek
bears about N $20^{\circ}W$ 50 ft Flows N.

Low water mark R Bk creek

N $6^{\circ}E$ 45 ft

R Bk Creek N $70^{\circ}W$ 4 ft - 6 ft from
water's edge

R. Bk Creek S $32^{\circ}W$ 30 ft and
being 8 ft from water's edge

R Bk Creek S $18^{\circ}W$ 46 ft 5 ft
to water

Creek about 35 ft wide

R Bk Creek South 68 ft and
8 ft from water

R Bk Creek S $11^{\circ}E$ 92 ft 6 ft
from water

R Bk Creek S $25^{\circ}E$ 124 ft 1 ft
from water in marsh

May 5-1919 cont'd

From Hub 1890.20

R. Bk Creek $S 30^{\circ} 30' E$ 140 to
water edge in marsh

R Bk Creek $S 30^{\circ} E$ 230 to water
in marsh

R Bk Creek $S 25^{\circ} E$ 295 to water
in marsh From 1890.20

Run $S 25^{\circ} 11' 30' E$ 392.45
to hub From which

R. Bk of Creek $N 56^{\circ} W$ 47 to water

" " " West 33. to water

Creek 34' wide measured
here

R Bk Creek $S 32^{\circ} W$ 35 ft

Creek chain 28 ft here

R. Bk Creek runs straight
from here to E end of Bridge

R Bk Creek $S 26^{\circ} E$ 144 ft to
pt a few ft N of Bridge

Continues From Hub 392.45

May 5-1919 Cont'd

S^{25°11'30"} E 164.25 ft to

Hut 556.70 in cen of
Rardin Bridge small hat
dinner in dirt

Cen of Bridge found by
crossing lake from corner
to corner Two ways

Note: From Hut 1890.20
at mouth of creek for a dist-
of 250 ft N^{54°2'} E, a new
sea wall 1" hi is forming
6 ft Northerly or Left and
20' R. The old wall is 20
still in evidence but dim

We walk up the state

road to Sta 488+65.5

Ties called for here 8" Oak S

40° E 33. (See Pg 38)

May 5-1919 Cont 1

From the face of the ash we
set a circle of small pins
33. ft out in a north westerly
course then walk ahead
to Road Sta

494+56.2 where road valves
call for lies or fallows

Hub on Tang ahead 143.8.

(See Pg 38) We find the hub
and tack in good shape
from which we chain

Along \pm road toward
Sta 488+65.5 a distance
of 143.8 ft where we drive
a hub in the road for

Temporary Sta 494+56.2
From which we continue
along road center
590.70 Feet to an
intersection with

135-29

49

May 5-1919 cont'd
the small circle of pins
set 33. ft from 8" oak
and @ said intersection
we drove a hub for
Sta 488+65.5 with
new bearings to be put
in later see Page 50.

From Sta 488+65.5
put up a flag and chain
along road center
1521.40 ft to Hub in
E of Raiden Bridge which
is supposed to be @ Sta
473+44.0

Mighty Close check one tenth
short! only.

Set transit over Hub
556.70 in E on Raiden
Bridge Back sight

May 5-1919 Cont'd

on hub 1890.20 and run
N $44^{\circ}4'E$ 1521.40 Ft

to Hub @ I.P. road @

Sta 488+65.5 where we
put in new BTS viz

Oak 10 N $64^{\circ}45'E$ 30.85 Ft

" 10 S $25^{\circ}E$ 33. (old BT)

From 1521.40 run

N $20^{\circ}58'E$ 590.70 Ft

to Sta 494+56.2 (See Pg 38)

where we mark following

New BTS "Ties" @ I.P. Road

Oak 10 N $67^{\circ}25'E$ 35.18

" 14 S $45^{\circ}35'E$ 31.58

We then chain northally
along Co road 1266.60

to Road Sta 507+20.7

and find the distance 2.10 ft
longer than the road engi-
neers give it. 1264.50 hrs

May 5-1919 cont'd

Chain - 1266.60 my chain

@ I.P. @ Sta 507 + 20.7

being our hub 1266.60 we
put in a new hub

C. Road Valis call for

See Pg 38

10" Pine East 50.2

18" " SE 76.2

We find the hub and tack
which we move a few inches
north so it checks for flat
chain with both old BTS

They put up a white birch
flag to sight on

Roy breaks the chain

Ed & Bain come and then
go to Bud

We walk back - put

transit on Hub 590.70

Being I.P. Sta 494 + 56.2

52

135-29

May 5-1919 Contd

and run

N $6^{\circ}15'E$ 290.15 to I.P. of
 E Road with Glass's sec line
 at a point 379.50 East of
 M.C. on Gull Lake and
 1981.90 ft over chain. West
 of the Cr to Secs 25-26-35-36
 135-29 on line established
 by F.A. Glass 1910

BTS @ I.P. viz

Oak $10^{\circ}N57^{\circ}E$ 48.90 FTWP 125 $43^{\circ}40'E$ 47.90 "

Line continues N $6^{\circ}15'E$ 1266.60
 to I.P. already mentioned

Sitting transit on H&V
 on sec line and E Road

The M.C. on lake should read

N $88^{\circ}14'W$ but it reads

N $88^{\circ}13'30''W$ off only $\frac{3}{4}$ of
 an inch mighty close

May 5-1919 Cont'd

check for such a long run

Then to get the position of
the big cut I set transit
on Hub on Sec line @ 1900
W from which I run

N $52^{\circ}20'E$ turned from
Sec line on E & W @ 79.30' set
hub in big cut

From which edge of cut
bank viz

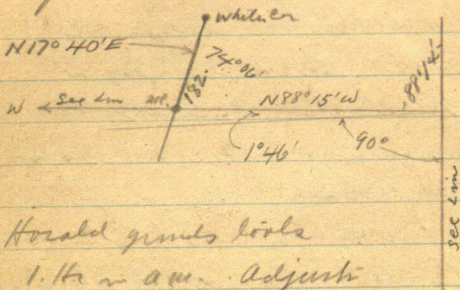
North 52.00 ft South 31. ft
N $63^{\circ}30'E$ 57. ft N $69^{\circ}E$ 70'
N $65^{\circ}E$ 90 N $71^{\circ}E$ 111. N $73^{\circ}E$ 115
N $75^{\circ}E$ 120. N $79^{\circ}E$ 107 E on 114
S $85^{\circ}E$ 114: S $80^{\circ}E$ 90: S $45^{\circ}W$ 35
S $71^{\circ}W$ 60. S $85^{\circ}W$ 78. West 86
N $70^{\circ}W$ 88: N $53^{\circ}W$ 92: N $45^{\circ}W$ 80
Deepest part of cut 8 ft hi is 30 ft
E. of West end

54

135-29

May 6-1919 Tuesday

Rains all day - Roy and
 Harold lay up I work all
 day on notes and plot Roy
 helps me one hour



Harold gets tools

1. Hr in a.m. Adjust
 transit

135-29

55

May 7-1919 Wed

Bryant & Harold Pluss ch-
a-fly - A F Henke comes on
his Bicycle from 1. mil So of
Nisswa to cut brush

Set transit in Cen. Mon
1/16 set by Glass in Cen of
SE 1/4 Dec 26-135-29

Back sight 80 rods So on
1/16 and run

North thro Cen of SE 1/4

@ 300- 307.40 Hub L. field
461.20 wire fence E & W
600- stake 641.50 Hub 900.
906.20 Hub on

971. end in marsh

1186.10 Hub at water edge
to shore mud Lake

I work all a Mon morn
all lake dinner with Rardin
John W. W. W.

56

135-29

May 7-1919 Cont'd
PM

Bryant and Henke work in one
creek - Harold and I in another
Bryant & Henke

Beg @ $\frac{1}{4}$ on E side of 26-135-29
established by Glass run

West following an old line of
hubs 242.90 old Hub on hill

300 staks ^{600 yds} 654.70 old Hub

900 staks 916.90 old Hub

982 enter marsh about
400? ft East of water

in Mud Lake

Then walk back to $\frac{1}{4}$ Cr
and cut road around hills

May 7-1919 Contd.

Harald and I adjust
transit then go to NW
on E side Gull Lake But
see 26-35-135-29 run
N 17° 40' E 182. ft to SW
On Whiles land

N 12° 25' E 167.90 + 182 = 349.90
and set hub on top of sea
wall at N bdy of Whiles
land

$$12^{\circ}25' - 1^{\circ}46' = 10^{\circ}39'$$

$$10^{\circ}39'$$

$$\text{Sine } .18481 \times 167.9 = 30.95 \text{ E}$$

$$\text{Cosine } .98277 - 165 = 167.90 \text{ O.K.}$$

From Hub 349.90 run
N 6° 48' E 375. to 724.90

58

135-29

May 7-1919 cont'd

After Supper Roy-Harald and
I take the lake shore @ 90°
to Co road &

Sta IP 488+65.5

From Co Road	To Set Wall	To Sand Bar	To Wall edge
0			
5	186		210
6	173		195
8	110	128	148
9	90		112
10			
11			57
12	31		
13	17		43
15			
1521.40	Rardin Bridge		

May 8-1919 Thurs

Curo π Bigant - Hinks H Curo
ex-ch-Fly

Set Transit E. Co road
at Cen Rardin Bridge Run
Along Co road

N 44° 4' E 121.40 set Hub

N 56° 57' E

300-600-900 - stake on line
near water edge

@ 900 water edge 2' R.

top of sea wall 20 ft L

near West point of Hill

980 water 2' R.

Top of sea wall 22' L

40' L N. 13h Pt of hill

1050 water edge 2' R.

1200 at foot of Big hill

2 ft from water edge

1400 - water 1. ft R. at
foot of Big hill

60

135-29

May 8-1919-Cont'd

N 56° 57' E along Lake Shore
 1479.90 Hat @ foot of Bill Hill
 4 ft from water edge
 Thrued

N 49° 31' E

@ 6 ft deep gulch runs
 up hill
 100 slabs

150 - water 4' R Foot big
 hill 10' L

200

210

200 Top sea wall 15' L

413.40 Hat 25' from locality
 4 ft to foot big hill

N 70° 21' E 507.20 T. H. H.

N 48° 59' E 135 ft to Hat
 on sea wall @ Peacocks
 NW Cr.

135-29

61

May 8-1919 Contd.

Peacocks N.E. Cor. Corn Mon
 on Sec Line 911.80 West of N.E. Cor
 Sec 35-135-29 Set by Glass
 Turn 90° to Sec. Line and
 run South @ Hub

From 911.80 we run West on
 sec Line 135 ft to 1046.80 W
 NW Cor. of the 1.4 across
 owned by Oeth D. Peacock
 Set Hub Turn 90° to
 Sec line and run
 $S 1^{\circ} 46' W$

100 stake 200 stake

239.85 Hub

285 Hub 300 stake

321 ridge E and W

400 stake 482.75 Hub

on seawall 501. sand

Bar EXW- 523 water edge

62

135-29

May 8-1919 cont'd

482.75 run

S 48° 59' W 135 to Hot

Beg @ 285 So of
NW Cor Peacock's landTurn Right and run
along foot of hill

S 63° 27' W 300 ft to Hot

Taking Hill

West side Peacock's land

O.O. is 28 to foot of 70' to Top
of Big hill (See Pg 24)At 1046.80 West of NE
Cor Sec 35-135-29

run

South 146' W 90° to line

May 8-1919-Cont'd

Sta

00 Foot of Big Hill 28' R.
 " Top of Big hill 70' R.

Sta 1.

Foot of Big Hill 25' R.
 Top " " " 85' R

Sta 2

Foot Big Hill 25' R
 Top " " 85' R

Sta 2+60

Foot Big Hill 40' R
 Top " " 95' R

Sta 2+85 pt of Hill

run N 70° W

Foot Big hill 40' dist
 Top " " 180' dist

64

135-29

May 8-1919 Contd

Taking Hill

Big 285 ft S. of NW Cor

Pecorocha land run

S63°27' W

Sta 0+50

Foot of Big hill 10' R.

Top " " " Not taken

@ Sta. 1.

Foot Big Hill 4' R

Top " " 58' R

Sta 2.

Foot of Big Hill 3' R

Top " " " 52' R

Sta 3.

Foot of Big hill 0.0. R

Top " " 43 R

3+50

Foot Big hill 4' L

Top " " 35' R.

May 8-1919

Lake Shore -

From Hub 482.75 So @

Peococks SW Cr run

S 48° 59' W

Sta 0+50

Sea wall 5' R

Sand Bar on view sea

wall 12' Left

Sta 1.

Sea wall 5' R

Sand Bar 12' L

50' L. to water on sharp
point of sand

Sta 1+35

Sea wall 6' R

Sand bar 10' L

30' L to water edge

Sta 1+55

Sea wall 12' R

Sand Bar 8' L - 25' water
over

May 8-1919 Cont'd
@ No 2.

Sea wall 25' R

Sand Bar 25' L

Pl. of sand at water's
edge 70' L

Sta 2+25

Sand Bar 25' L

Sharp pit sand runs
South 100 ft about
Sta 2+40

Sand Bar on new sea wall
R and L. 30 ft from
water

Hinks and a Mr
Friedrichson take dinner
with Rardin

Raining in P.M. but are
working - Rain at night thunder

May 9-1919 Friday

Bryant and Hinkle in our crew
with Port Harold and I Beg

@ Hub 724.90 See Page 57.

and run lake shore

N 0°37'E 300 F/H. 1024.90

N 0°37'E 200 " " 1224.90

N 5°0'W

@ 114.65 = 1339.55 from

M.C. Curr E and W $\frac{1}{16}$ Line.

@ 2230.20 West

@ 250 = 1474.90 Hub

N 9°20'W @ 300 Hub 1774.90

@ 400 Hub 1874.90 From M!

N 11°4'W 124.0 T. 1998.90

@ 227.60 T. Hub 2102.30

= Hub 42.15 E. C. Road

To Run Co Road

Setting over IP 1266.60

C. C. Road @ Sta 507+20.7

Take BTS viz over

68

135-29

May 9 1919 Contd

10' Pm S $88^{\circ}45'E$ 50.20 Ft18' W Pm S $47^{\circ}E$ 76.20 "

See Page 38.

Back Sight $S 6^{\circ}15'W$ runN $18^{\circ}35'W$

@ 377.70 Hub @ Co road

on E and W $\frac{1}{16}$ Line in Cn

So half of sec 26-135-29

being 1996.80 West of

 $\frac{1}{16}$ on E. Boundary and 233.40

East of lake shore

1039.30 ft 1. Hub @ Co Road

I.P. 517+60.0 (See Pg 38)

OK. Check with Co Road Engineer
notes.

At I.P. 517+60.0 Take

course to old BTS Vig

8" Oak S $41^{\circ}20'W$ 46.90 Ft5" Oak S $84^{\circ}35'E$ 45.60 "

See Pg 38

May 9-1919. Cont'd

From here we run

N $51^{\circ}37'W$ 155.30 set Hub
for Sta 519 + 15.30 (See Pg 38)

Take angle to old BT 0.9

8" Barwood S $12^{\circ}20'E$ 67.60 FT

The Hub in Marsh East 34.8" is

gone We take new BT 0.9

Elm 3" N $83^{\circ}39'W$ 35.60

not marked

From Hub IP 519. + 15.30

we run N $29^{\circ}20'W$ 42.15

ft intersecting hub 227.60
= 2102.30 run from Lakeshore

From here we chain

N $29^{\circ}30'W$ to Culvert

& Crossed But Hall and Mud Lake

Re-chaining Bypass

line thro cen of SE 1/4

See 26-135-29

West on 1/16 line over

70

13529

May 9-1919 Cont'd

@ 1914. 400 Hub on hill

1920 W. Bank of big hill

L. field 1924. Birch back
shot on line 1975 foot of
hill 1996. 80 & Co road Hub

2049. Hub 2227. Hub

2230. 20 Hub on E bank of
Shull Lake at sea wallWe meet Bryant and Hinkle
coming from workHoward & I take Big
Hill on shore of Round Lake

See Page 59.

@ Sta 980.

35' L & pt of Hill. 12 ft wide
about 8 ft above water

Sta 10. E Birch Hill 30' L 12' H

N Birch Hill 50' L.

May 9-1919 cont'd

Sta 1050 Hill cut by water

Sta 1070 Brink of Hill 45' L 20' H

Sta 1200 ⁴⁰ 50 L Hill 25' H

" 1479.9 App

50 L Top of Hill 25 ft H ?

(For Course See Pg 59-~~and~~ 60)

From Sta 1479.9 For course see
Pg 60. Continue E along lake
shore @ 10 ft deep washout
in big hill on Left

@ 40 ft Brink of big hill 55' L
25 ft H ? about

@ 150 Top of Hill 57' L - 25' H
all at water's edge and foot of
hill 4 ft walk along shore

@ 200 -

20. L Sea Wall

24. L. Foot of Hill

67. L. Top

5. R Water's edge

72

135-29

May 9-1919-Contd

@ 250 (Firm 1479.9)

14. Ft L. Sand Bar
 25 " L. Sea wall
 33 " L. Foot of Hill
 10 " R. Water edge

@ 300

6' L. Sand Bar
 23' L. Sea wall
 38' L. Foot of Hill
 85' L. Top of Hill
 20' R. Water edge

@ 375

15' L. Sea wall
 25' R. Sand Bar
 40' R. Water edge

Note: This is the
 point for "Round Turn"
 of road - End of Road

John W. Carr

135-29

73

May 9-1919 - Cont of

From 1479.9

@ 413.40 HP

5' L Sea wall

45' L Foot Hill

98' L Top "

8' R Sand Bar

30' R. Wall edge

From 413.40 (Pg 60)

Sta 1.

8' L Sand Bar

20' L Sea wall

95' L. Foot of Hill

146 L. Top " "

15' R wall edge

Sta 2.

2' L Sand Bar

26' L. Sea wall

140 L. Foot of Hill

192. L Top of Hill

20' R wall edge

John W. Curo

May 9-1919. Cont 2

Bryant and Hinkle cut
line around So and E side
of Mud Lake and around
hills further East

All 4 take dinner with
Rardin

I wrote - Bams - Interpis
Baerniger - Horn - Gurley & Ting
for Traust Needle and 2. Robles
also wrote Alma Tils down

May 10 - 1919 Saturday

JWC & Bryant H. Carr
and Hinkle Logathan

Bay @ 1/2 Ret 25-26 (HP)

135-29. Can Mon set by
FA Glass in 1910

Using N & S sec line on
a Meridian run

S 88° 14' E Parallel to

to Bay of sec 25

@ 4 ft & N & S road

Pg 102

Plot stake 127 + 77 top seawall
1 + 50 Huv 20' NW of water
N 45° E HP

15 L ^{sec 2} seawall -

15 R water

Plot 3

12' L seawall

75 L. & wet draw 30' wide
runs 25° NE & 100° SW

8 R. water

76

135-29

May 10-1919 Contd

Slo 4

20' L seawall

8' R wall

AP Slo 4+52.0 176

↑ 23' L seawall

↓ 2' R wall

AP. N25°08'E

Slo 5.

20' L seawall

6' R wall

5+50

15' L seawall

15' R wall

Slo 6.

15' L seawall

10' R wall

Slo 7

22 L seawall

0.0 R wall

135-29

May 10-1919 cont'd

Sta 8.

27 L. seawall

00. R. water

Sta 9.

12' L. seawall 5' ^{above} water

10' R. water

9+1.75 Hub L AP.

To get small wet open
marsh on our left we run
as follows

From Hub 9+1.75 run (AP)

N 43° 45' W

@ 24. NW edge of seawall

@ 40. into marsh

@ 55 Hub in marsh (AP)

From which edge
of marsh bears as follows

N 45° E 20 FT

North 50 "

N 8° W 130 "

200 ft
by page
113.

78

13529

May 10-1919. Cont'd

N 19° W 122 Ft

N 41° W 116 "

N 61° W 110 "

West 135 "

S 83° 30' W 143 "

S 74° W 136 "

S 66° W 114 "

S 61° W - 75 "

S 51° 30' W 53 "

S 32° 30' W 26 "

South 17 "

From Hat 9 + 1.75

we run N 40° 40' E

@ Sta 10

20' L Sea wall 10' Hi

2' R water edge

Sls 10 + 50

25' L Sea wall 12' Hi

2' R water

May 10-1919 Contd

Sta 11 - set Hub

(17 P.)

10' L sea wall 6' Hi

12' R. water

From Sta 11

we get Two small blenches
on Left as follows

Edge of marsh bears

North 27. ft

N 30° E 50 ft

N 38° 30' E 92

N 35° 30' E 108

N 30° E 136

N 24° E 149

N 17° 18' E 177

N 11° 40' E 179

N 9° 20' W 155

North 155

N 7° 25' W 150

N 16° W 136

80

135-29

May 10 - 1919 Contd

N 22°30'W 80

N 26°W 50

N 20°W 24

Then to get the second
small Marsh.

(AP) From Hub 11 we run

N 16°40'E 217 Feet to

a Hub in the Narrows between
MarshesFrom which Edge of second
Marsh bears as follows

N 22°E 35

N 14°E 65

N 7°30'E 100

North 110

N 15°W 115

N 25°W 135

N 35°W 115

N 45°W 110

N 55°W 78

135-29

81

P.M.

May 10-1919 Cindat

N 70° W 57

West 25 Ft

S 38° 30' W 43 Ft

S 14° W 41 Ft

East 12 Ft

Firm Sta 11

(FP)

N 59° 21' E

Sta 11 + 50 slats

13' L Foot of sea wall

17' L Top Sea wall 5' above water

25' L N side Sea wall

12' R water

Sta 12

17' L Foot Sea wall

23' L Top 6' Hi

32' L N Side Sea wall

4' R water

82

135-29

May 10-1919 Contd

Sta 12+50

14' L Foot Hill

32 L. Top .. 10' Hi

00. R. Wall

Sta 13

14' L Foot Hill

47 L Top .. 15 Hi

00. R. Wall

Sta 13+50

10' L Foot Hill

48 L Top .. 20 Hi

2' R Wall

(HP)

Sta 14 Hub

8' L Foot Hill

41 L Top 18' Hi

8' R Wall

135-29

83

May 10-1919. Contd

From Sta 14 western

N 78° 41' E

+ 50

12' L Foot seawall

25' L Top Rail 6' Hi

5' R Water

Sta 15

17' L Foot seawall

23' L Edge seawall

38' L " " "

47' L. enter marsh

3' R water

15 + 50

10' L Foot seawall

15' L Brink " 5' Hi

43' L " " 5' Hi

57' L enter marsh

3' R water

AP

84

13529

May 10-1919-Cont'd

Sta 16

9. L Foot of Bank

14 L Top Bank 5' Hi

4 R. water

16 + 50

14 L Foot bank

10 L. Top Bank 5' Hi

8' R water

60 L. foot of big hill runs NE

Sta 17

00. L. Bank of Bank 5' Hi

18' R water

16 + 25 Hub on Bank

17 + 60.1 Hub

~~Hub on Bryan's West line.~~~~Being the long line coming
from the North @ Hub~~~~272.10 + 1316.50 = 1518.60~~

See p 98

3.10 N of station see above
 259.30 S of 1/16 in
 17 + 68.90 Hub on 1/16 line
 35 1/2 ft from water

May 10-1919 Contd

Begants Chain from where
he located the '16 on Sec
Line North

Nale This Line Coming
South Corner the E & W
random @ 1299. E

Nale This Line of
may have to be checked.

To get position of So end
of long marsh running
North we Beg @

Sta 14

and run $N 66^{\circ} 35' E$ 145 ft
to hat on ridge From which
East edge of bog bears
 $N 33^{\circ} E$ 108

$N 20^{\circ} E$ 162

$N 7^{\circ} 30' E$ 240

$N 4^{\circ} 14' E$ 295.5 To Nale "11"
m E & W random

May 10-1919 Cont'd

N 1°50' E	430	
N 2°45' W	450	To NEEN of marsh
N 15° W	460	N side swamp

Nalg Lake is 1.50 Lower
than the water in the marsh
There is about 1. Foot of water
in the marsh

From this same Hat
West edge of Marsh bears
or follows

N 50° W	75	FT
N 30° W	92	
N 34°30' W	142	
N 41° W	185	
N 48°30' W	232	
N 54° W	275	
N 48°30' W	330	

May 10-1919 Cont'd

Frank & Mrs. Bryant with Leppie
McClane comes for Roy. I go to
Bryant with them. Supper @
Halel Kruger

Wesley and Dwight come and
take me to Jerkin. I go to Bed
on 2-06 night train 87 & 9.

Bed of night at home

Harold stays with Rardin

May 11-1919 Sunday

All day at home in Beaman
C. L. Matt and I work on Gull
Lake flat from 10-30 AM till
2 o'clock PM.

Ray brings Frank Bryant to
Beaman. Wesley Matt's daughter
and Mary come to Beaman.

I go back on for a Pequot
with them. Lodging @
Kruze Hotel.

John W. Curo

May 12-1919 Monday

Pay Kruger \$1.50 in full
and buy ticket to Beaumont
72°. Lv survey outfit with
Kruger. Get off @ Nisswa
and walk to Radiums catch
ride in Ford pay 50¢

Look over hills and swamps
bal of forenoon

Bryant and Harold cut
line around hills

P.M.

we all work on N line of
Sec 25-

Buy 6.50 ft N of small
iron rod @ Cor to Secs

23-24-25-26-135-29

Fallow Glass old line

East Re-Chain Sec P₉ 30-31

300 stake 430 L₀ marsh

515.15 New Hub 504.85 old Hub
J. M. W. C. W.

May 12-1919 Cont'd

633.20 ^{600.00} old Hut - re-placed 900.00
 910 Cross main road to Hubert,
 Sta N + S. 941.80 New Hut 1200
 1242.80 Hut 1293.40
 new Hut 1500.00 1777.90
 Hut Lin hills house (Sept 30)

From 1777.90 E a cement Mon
 set by F A Glass in 1910
 Mtd M. O. bears

71° 14' R 131.25

We believe this MC is set
 wrong and must be right.

I make out Board bill

Viz No 1 Apr 28-1919

Jahm W Curo

9 meals @ 35¢

3 Beds @ 20¢

3.15
60

Harold J Curo

6 meals @ 35¢

3 Beds @ 20¢

2.10
60

R E Pigant

4 meals @ 35¢

1 Bed @ 20¢

1.40
20

88.05

Total To subv
 April 26-1919

May 12, 1919 Cont'd

Board Bill N^o (2) Dated May 5-1919John W Curo 13 meals @ 35¢ $\$4.55$

5 Beds 20¢ 1.00

Harold J Curo 17 meals @ 35¢ 5.95

6 Beds 1.20

RE Bryant 18 meals 6.30

6 Beds 1.20

Total to Saturday $\$20.20$

May 3rd 1919.

N^o 3 May 12-1919John W Curo 20 meals @ 35¢ $\$7.00$

6 Beds @ 20¢ 1.20

Harold J Curo 21 meals @ 35¢ $\$7.35$

7 Beds 1.40

RE Bryant 18 meals 6.30

6 Beds 1.20

AF Hinks 4 meals @ 35¢ 1.40

Total to Saturday $\$25.85$

May 10-1919.

About bills. viz

E.C. Bane, Dickinson & Gillespie

To Mrs Jennie Rardin R#5.

Branched Union

E.C. Banc - Dickinson & Gillespie

May 13-1919 Tuesday

Checking Glass M.C.

At M.C. N^o 7 bet Secs 24-25
135-29 on West shore of Lake
Hubert US Nalis call for

NP 20° S 79° 30' W 40 Lks = 26.40 FT

We find the hill 20' slab of the
old line standing plainly marked
and after figuring out the true
course of the Sec line leading
West I set a small hub on
lake shore for the true M.C.

New B.T. U.S.

JP 12° N 5° 0' E 37.91 FT

JP 15° S 62° 10' W 72.07 FT

Old US B.T. S 79° 30' W 26.40

Before of line turned from line line
West which reads about 8° 10' over

Cement Mon set by Glass bears
N 44° 35' W 30.10 FT to cen 7 in
pin

From B.T. mark on face of old B.T. and
Cham 41.81 FT N, and 25.96 FT
from my new M.C. west a Hub and

135-29

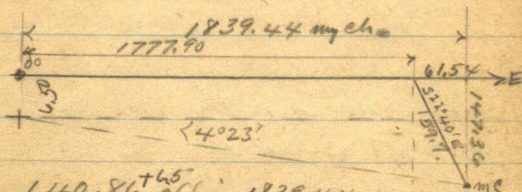
93

May 13-1919 Cont'd

Back on the true line running West
 From this hub (Wit M.C.) the true line
 bears N and a little East 22. ft
 dist. At Hub 1777.90 E the
 line M.C. bears $67^{\circ}20'$ R 159.70 ft
 $67^{\circ}20'$ 6.50 ft.

$$\text{Sine } 92276 \times 159.70 = 147.36 S - 6.50 = 140.86$$

$$\text{Cosine } 38537 \times 159.70 = 61.54 E$$



$$140.86^{+6.5} \text{ off in } 1839.44$$

correcting

$$1849.98 \text{ Feet US} =$$

$$\frac{1839.44 \text{ " My Ch via Random}}{10.54 \text{ Short via Random}}$$

$$= .005697 \text{ of a foot west for each foot E.}$$

$$1320 \text{ E goes West } 7.52 \text{ To}$$

$$1312.5 \text{ East Then}$$

$$\text{South } 100.47 + 6.50 = 106.97 \text{ "}$$

$$\text{Correction} = .07655 \text{ So for}$$

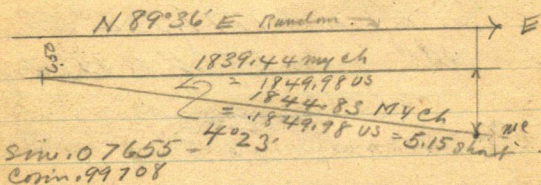
$$\text{Each foot East } + 6.50 \text{ at each correction}$$

$$= \text{Sine } = 4^{\circ}23'$$

94

135-29

May 13-1919 contd



We re-run the sec line
 N Bet 25 and 26 - 135-29
 thro cement monuments
 set by Glass and our line
 line cuts 0.4 of a foot east
 of the little iron pin set for
 the cor to 23-24-25-26
 but we call our line O.K.
 not using the small iron

Then to get the true
 course of the N Bdry of sec
 25 assuming the West Bdry
 is line North & South

135-29

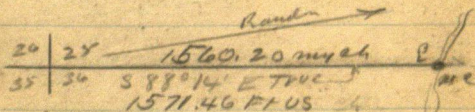
95

May 13-1919- Cont'd

at a point 45.40 North (about)
 I turn N $9^{\circ}19'30''$ E to white
 stake on line North Body
 in the big bog East of the river
 Then set our stake in
 bog Back sight S $9^{\circ}19'30''$
 West to hub

The random line running
 E bears N $89^{\circ}36''$ E

We check the line south
 Body and find it O.K.
 or run by Bryant viz
 plot below. See Pg (23-24)



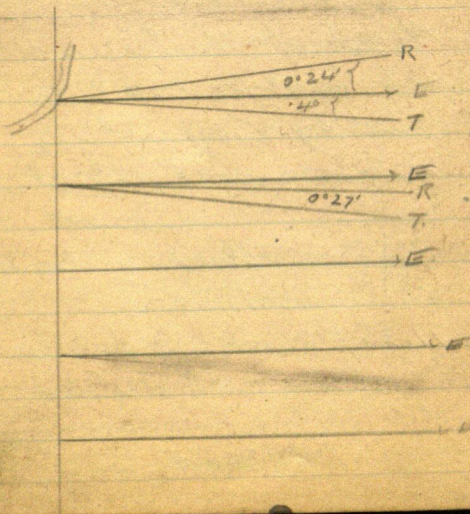
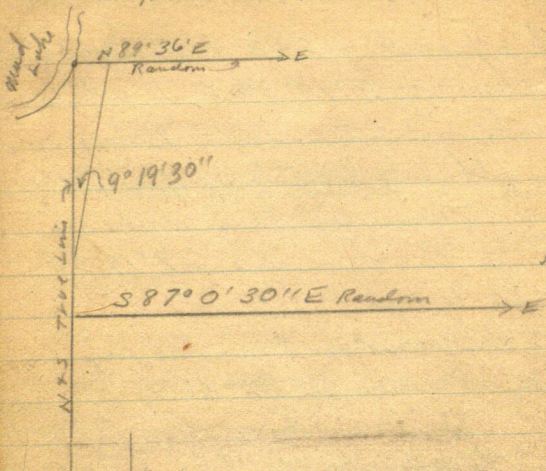
= 11.26 ft short via true line

Set transit over N 116 B at 24.25
 Back sight to on true line - Random
 runs N $87^{\circ}00'30''$ E

96

135-29

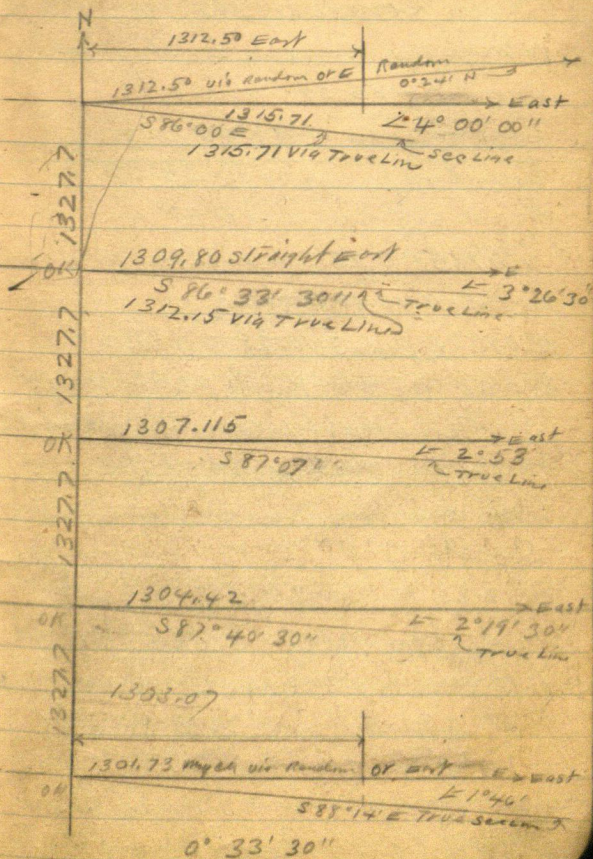
May 13-1919 cont'd



135-29

97

May 13-1919



98

135.29

May 14/1919 Wed

Correcting the
N 41/6 Line Running East thro
Sec 25-135-29

Random run N 87° 00' 30" E

True line figure N 86° 33' 30" E

Random should go 0° 27' R.

.00785 = 0° 27' S for each foot E

Cem Mon 1640.80 E gacs

1309.80 E gacs ^{90° to random} 10.28 ft 1/16 in

where we set a Birch post for 1116

From Hub on random @ Hub
1309.80 E back right Weston
random and run

South 0° 07' W

@ 10.28 the new 1/16 just set is
West about 1/2 foot @ 99.40 set Hub
1/2 ft west to line line on side
Hill which bears NE and SW

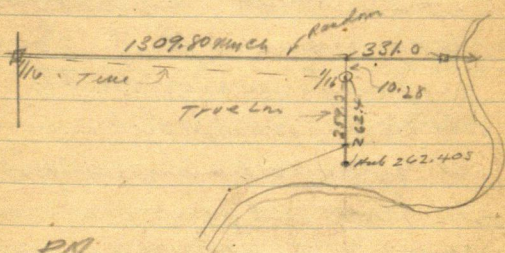
@ 150 foot of hill. @ 259.30 S
intersect Hub on true line
@ 17+68.9 See Page 84

135-29

May 14-1919 cont'd

99

@ 262.40 Hub on seawall 35' W
from water



PN

Beg @ Sta 00 being 100' N of 1/4 Cr
Bet 25-26-135-29 run

N 51° E following the foot of hill
@ 55' from main road NW-SW
3+21 Hub

Thence N 13° 30' W

5+25 Bottom of Basin in
circle of pines bear 50' R.
6+75 Hub

7+42 @ old main road
N and S.

From Hub 6+75 we (are)

May 14-1919 cont'd

run N29°40'E follow
road side in reverse &c
7+25 brink of big hill facing
boy bears 90 ft R. 20' hi
slopes to swamp Eathly
Sta 9+00 Brink of hill E 90 ft
at 90 E Hill seems to fork
in two ridges - one runs
NE and the other ridge NW

At Sta 9+00 we could
turn 90° and run Westerly on level
ground for street purposes
or we could turn NE more
and go down over slope of hill to
reverse below

Sta 11+00 brink of low
sloping hill bears N+
deep gulch 75 ft East.
Gulch runs NE-SW
2nd gulch East of this one
same course about-

135-29
May 14-1919 Contd

101

with room enough between
for lots

Too much brush so are
quit

Take notes on

Begin @ N 1/4 Cor Bet 25-26-135-29
walk East on random
Foot

367.70 new Hat 415 @ main
road N 1/4 - Run 875 ft then
Turn SE 150 ft then SW

@ 520. E Hat on E limb of
hill Hill runs SE and also
slopes along random line
to Sta 6+75 E, Foot of hill
OK for road up hill just
recorded

From Sta 6+75 reverse run
SE Sta 7+00 - to edge of bog
on L 150 ft across
Sta 8+00 station pretty fine

102

.135-29

May 14-1919. Cont'd

ridge - runs SW-100 ft.

then SE

Sta 8+50 enters wet bog
west bank runs South
200 ft where a narrow
strip of low land runs
SW. Connecting swamps

11+00 L1 bog N+E

16+40.80 entered Cam Mon
set by Glass on West shore
Lake Hubert

At 1/4 On Bet 25-26 - run

East - S 87° 07' E 100 ft. 1

along line Cam Line @ 101.40

set station 1. (Long Station) Nix

From Sta Cham 46.1 To Sta
1+46.1 Hub on sea wall

Thence (See Page 75) N 45° E

1+50 Hub set May 10. 1919

Marsh & Road To get road
and marsh set begun @ 1/4 On

See pg 75

147.1 15.8
4.1
T. 15.2

May 14-1919 contd

4 ft west of road run

South on line line bet 25-26

@ 200 So set Hub then

West- $S 89^{\circ} 45' W$

@ 15 ft cross main road N or

110 enter bog @ 250 Hub in

bog over which I set transit

From which show of bog bearing viz

 $N 61^{\circ} E 114$. Ft $N 35^{\circ} E 88$. North 75. $N 27^{\circ} W 150$. $N 45^{\circ} W 140$. $N 70^{\circ} W 180$ $N 80^{\circ} W 230$. West 245 $S 80^{\circ} W 265$. $S 70^{\circ} W 262$. $S 65^{\circ} W 265$ $S 60^{\circ} W 165$. $S 41^{\circ} W 165$. $S 23^{\circ} W 216$. $S 7^{\circ} W 265$. South 325 $S 10^{\circ} E 210$. $S 35^{\circ} E 180$. $S 55^{\circ} E 153$

at 500. So on sec line 2 road

bear West 48 ft and cross narrow

bog 16 ft wide. run N or $160^{\circ} W$. Bog

run 100 ft S.

740 S. Sec line crosses main

road NW-SE get NW corner

104 135-29
May-1919 contd

From the $\frac{1}{2}$ Cr we run
West - $N 88^{\circ} 13' W$ following
Glass random line which is
probably the line line the
Cen of sec 26 135-29

Sta. 1+00 foot Hill 2+00 Top
Ok for road 2+46.9 old Hub
6+54.7 old Hub on West slope
of Hill. 7+00 Brink of hill

8+25 foot 9+00 stake 9+16.9
old Hub 9+75 enter open wet
marsh 250 ft from water in
Mud Lake

Then To get the mark:
From Hub 9+16.90 W. we run
S $48^{\circ} 44' W$ @ 60. sea wall
100 enter mark @ Sta 1+75
15 ft L. edge of Bay 50 ft L. tip of
pine ridge NE-SW

Sta 2. Same. Hill 8' H'

" 3 " " 8' "

135-29

105

May 14-1919. Cont'd

Sta 3+50 -

15L edge of Bog 25' L. stake run for
Lot, stake 75' L. top of ridge 20' H.
NE-SW

Sta 4. Same

" 4+50 Bog 6' L.

" 5' L. Bog. Foot Big Hill 20' H.
50 ft li. top of Hill

5+36.5 (about) indirect
white stake on N & S transit
line at foot of hill and so edge
of Big bog @ about 950 N. From
SE Cr Geo. Rardin's land

To get Big Hill on Co Road
Bog @ N. side foot Lot 3 - see 26 - in cen
Co road (See Pg 70) Top of hill is
75 ft from Co road and runs S.
parallel li Co road 50 ft then runs
S. E. and E. N. E.

Co Road

Bog where Co road crosses

106

135-29

May 14-1919 Contd

see line chain N along road
 @ Stat- Top of Hill 75' R. 20' Ht
 To Sta 4 + 70 same - Hill then
 turns here and fades NE
 @ Road Hill

Begin see line chain So
 along road @ 200 Top of Hill
 10' Ht 55' L. @ 210 old main
 road run NE

at IP Co Road Stat 494 + 50.2
 Hill 15' Ht 60' L. and from here on
 to next I.P. in Co road at 488 + 45.5
 Hill is 20' Ht 75' L.

Bryant goes home in Ford
 before supper.

135-29

107

May 14-1919.

East Shore Gull Lake

From Sta	Feet to water	See Page	Remarks
MC	53	36-41	
186.63	55	41	
436.63	55	41	
736.63	55	41	
1036.63	55	41	
1336.63	60	44	
1636.63	40	45	
1850.	37	45	
1890.20	35	45	
182	50	57	
349.90	55	57	
724.9	60	57	
1024.9	60	67	
1224.9	60	67	
1474.9	60	67	
1774.9	60	67	
1874.9	60	67	
1998.9	60	67	
21023	60	67	= 42.15

May 15-1919 Thursday

Harald and I alone.

Begin on cen line of sec 26-135-29
on Hubin bog 1004.20 ft West
of the $\frac{1}{4}$ Cor we run

② North $N 2^{\circ} 53' E = 00$

@ +50 The swamp & levels
East 50 ft @ Sta 1. sup E 25

@ Sta 2. sup E 50 ft

@ " 3 " " 50 "

@ " 4 " " 65 "

@ " 5 " " 65 "

@ " 6 " " 50 " Top Hill 12 ft
75 R 10 ft

@ " 7 " " 35 "

@ " 8 Lvs sup Touch pt of low land

40 ft from foot of Hill and 90 ft from
top of hill 15 ft

③ 8+50.5 Hb in edge of sup on pt
of low land 40 ft from foot of Hill
 $N 20^{\circ} 30' E$

Sta 9 sup R. 10 ft Top Hill 75 R 15 ft

May 15-1919 Cont.

Sta 10 Sup 12' R.

" 11 Foot of hill edge sup 16' H 20' H

" 12 " " " " 25 H

" 12+51.6 white stake in bog 15 ft
from shore

N 39° 18' E

(PP
4)

Sta 13 sup & Foot Hill 10 R.

" 14 " " " 10' R

" 15 " " " 15' R

" 16 " " " 15' R

" 17 sup 20' R

18 " 20' R

19 " 20' R

19+32.7 Can 5" WP line dead 10' in sup

Foot of hill 30' R. We mark the line

"Sta 19+32.7"

Thence to tie in to Sec Line
we should run N E ft
to foot of big hill. On this Sec
line go N 45° 25' to top hill
4725 enter mark Sec P.

110

135-29

May 15-1919. Cont'd

Big Hill - Co. Road

To get the position of
the Big Hill we begin
@ Sta 0.0. being Co road
angle at Sta

488 + 65.5 (See Page 38)

and run

South

S $20^{\circ}58'W$ back right-
ing on Co road

S $\frac{1}{2}$ 0.0.

20' L foot of big Hill

76' L Top " " 20' Hi

S $\frac{1}{2}$ 1.

15' L Foot Hill

75' L Top " " 20' Hi

Sta 2.

15' L Foot of Hill

52' L Top " " 15' Hi

John W. Carr

135-29

111

May 15-1919 cont'd

S/o 2 + 75

25' L Foot of Hill

Deep cut runs

L 85' ft 40 ft wide in center

Then turns and runs

L 50 ft Cut here is 20' wide
and runs to top of Hill

This would be a good
place for the road or
strip to go up the
Hill only

2 2 2 there are 6 Elm
trees 8" diam. which
would be in the way for
a road

S/o 3.

25' L Foot of Hill

50' L ? Top of Hill 8' Ht
slopes up

John W. Cress

112

135-29

May 15-1919 Cont'd

Sta 4

0.0. L foot of Hill

22' L Sharp Bend of
Hill Top 8' Hi

Sta 4 + 75

in old road running
up hill = Foot of Hill

Slopes up -- easy grade
Sta 5. stake

5 + 30 water's edge
Round Lake

Hacald Curo and I
work alone till

2-30 or 3.00 P.M.

Ed Bain comes out
and takes me back
to Beavert

Hacald stays with
Geo Raiden at Gull
Lake Ranch.

135-29

113

May 15-1919.

Nali

S¹/₁₀ 2+75 OK for road
only for good trees

S¹/₁₀ 2+65 To 3+10
is the only place to
get up this big hill

Nali: See Page 77.

Nali May 20-1919 Friday

night Harold Curo - Winifred Randal
and his car drive out and check
chainage on West shore of Hubert
Lake and find 200 ft more

N¹/₁₀ * ground bet 452 and 9+1.75
901.75 must be 1101.75

Harold's Telephone says
S¹/₁₀ 150 To 452 Chains 302 F1
and S¹/₁₀ 452 To 9+1.75

Chains 649.20 ft (200 ft
off almost)

Brot From Page 35-

Time Sheet May 1919 Last Half

	SVN														
May 1919	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
John W. Curo	-	-	0	1	1	1	1	1	1	0	-	-	-	-	3
Harold J. Curo	-	-	0	-	8/1	-	-	-	-	0	-	-	-	-	-
W. Rardin	-	-	0	-	8/1	-	-	-	-	0	-	-	-	-	-
Rardin Auli	-	-	0	-	8/1	-	-	-	-	0	-	-	-	-	-
Murphy	-	-	0	3/8	-	-	-	-	-	0	-	-	-	-	-
Smith	-	-	0	-	-	-	-	-	-	1	0	-	-	-	-

Note:

See disputed M.C. Bet
Mrs Blake and "Colonel" Thorpe
West side Hobart Lake
July 17-1912.