

CASS LAKE

145 31

42

295

FIELD BOOK

1888

1375  
 - 5  
 1370  
 - 5  
 1365

1981  
 11  
 1970

1971

Address Bk 1948  
Jack & Harold Curo



## Standard Engineer's Field Book

### Description

	Size	Rulings
No. 1307	7 $\frac{1}{4}$ x 4 $\frac{5}{8}$	"Level"
No. 1308	"	"Field"

Specify by Number, the Book desired

Made in U. S. A.

This book contains a superior 50% rag content paper having a high degree moisture resisting surface. Waterproof ink is used and it is sewed with Bing Enamel Waterproof Thread. The binding material is also waterproof.

Made in U. S. A.

BOORUM & PEASE COMPANY  
BROOKLYN, N. Y.

58  
50  
8  
-9.8

90 Leaves  
180 Pages

Address  
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1948

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# Cass Lake.

Nov 21-1949

Mr. Geo. Hally

Agent for Wheeler

Which has started a  
past plant in Cass Lake  
Cotts. They have bought  
the N  $\frac{1}{2}$  of Blk 20 of  
org. plate 1st & 2nd Div.  
and want the corners  
so as to start a bulldozer  
Leveling of the ground  
so as to not have to lay  
off their men.

P.M.

I drive to Cass Lake  
to find out what land  
they own. We look over  
the plat at Ind. Surveyor  
Office & Town Hall.

Cannot find any points  
to start from

Home late

check old field book find  
nothing.

# 4 Cass Lake

Nov 22-1949

Cold. copy plat of Cass Lake in Register of Deed office & drive to Cass Lake, as we can not find any starting points I go to the NW Cor of Sec. 15-145-31 and as the center of the man hole cover is where the NW Cor of Sec 15, should be I set Flag at same. and drive E  $\frac{1}{4}$  mile where I dig up and set T over the I.M. W  $\frac{1}{16}$  Cor N side Sec 15. Site Weston Sec. Cor Center of manhole run West 198.15' to spike hub on N line Sec. 15. T over 60' spike 198.15' W of W  $\frac{1}{16}$  Cor Site W on flag at manhole. Turn L  $89^{\circ}56'$  according to plat of Cass lake & run  $50^{\circ}04'$

Harold Caro

Mrs. Boller Renner Trading Post  
had her property surveyed by  
the County Surveyor from  
Grand Rapids Minnesota

I the undersigned Harold Curo hereby  
Certify that I am a Registered Landsurveyor  
in the State of Minnesota, That I have surveyed  
Lot 12 of Auditor's Plat No 4 of Cass Lake  
and set 2x30 inch iron pipe monuments  
at all four corners of said Lot. 12 as  
shown by this sketch.

W down Central Ave  
@ 942 spike hub. @ 1242  
pin @ 1542 pin bet. the  
last two side tracts of the  
S.N. RR. @ 1844. 6. Hub  
60" spike according to  
the plats of Cass lake  
this point should be  
1834.0 ft. Tower 1844.6  
chain N 10.6 to 1834.

Tower 1834. run E 25.25'  
to NW Cor of blk. 20.

@ 323.15' = NE Cor blk 20

Tower 25.25' run S 125' ft  
to SW Cor of N  $\frac{1}{2}$  of Blk 20

Tower 323.15' run S 125' ft  
to SE Cor of N  $\frac{1}{2}$  of Blk 20

drive IM at said corner

The foreman makes  
out my bill for \$50.00

and send it to Minneapolis  
to main office

Home lot

Harold Curo

6

C

Franklin "Peet" Copeland 248 W Kellogg

Blvd St Paul <sup>(12)</sup> Cedar 8845 1948

Codner Jack Codner Backus Minn May 1949

Ilo Curo Copeland

## Description

Lot 3 and NE  $\frac{1}{4}$  - SW  $\frac{1}{4}$  Sec 10-145-31

Excepting therefrom. However:

All that Part of Lot 3 described as follows: Beg. at a point where the southerly line of lot 3 intersects the shore line of Cass Lake at low water mark and running thence (westerly) a long said S. line of lot 3 685 ft. to a point; thence at an undetermined angle in a straight line Westerly of N 427 ft to a point that would intersect a line 348 ft in length; running in a direction southerly of west from the meander line of the said lake shore of Cass Lake at the established low water mark through the center of a blazed tree standing from 5 to 10 feet from the said low water mark; running thence from the point so established in a straight line 348 ft. in a in a direction Northerly of East of through said blazed tree to the meander line of Cass Lake at the established low water mark

running thence along meander line of Cass Lake to place of beg.

Also Except, a right of way upon and over a strip 33 ft in width along the southerly side of lot 3 and NE  $\frac{1}{4}$  SW  $\frac{1}{4}$  Sec 10-145-31 said 33 ft strip extends from the Westerly line of the tract above granted & along the southerly line of the tract herein mentioned 1006 ft more or less, to the intersection of the existing roadway now on said premises.

Also excepting the following described Tract: Beg at a point 33 ft N of the SW cor of lot 3 - Sec 10 145-31 and running thence North along the West boundary of lot 3 - 167 ft to the County road thence North  $60^{\circ}$  deg. East 357 ft to a point in the center of the Co. road. thence N  $10^{\circ}$  E 90 ft to a point in the center of the Co. road. thence N  $65^{\circ}$  E 710 ft to a monument at a point where the south right-of-way line of the Co road intersects the West shore of

Cass Lake Thence S  $31^{\circ}30'E$  following the lake shore 280 ft. to a monument at the NW Corner of the land deeded by Niria F. Martin to the Cass Lake Commercial Club. Thence S  $68^{\circ}W$ . 348 ft to a monument at the NW Cor. of the land deeded by Niria F. Martin to Cass Lake Commercial Club. Thence S  $21^{\circ}E$  391.60 ft to a point on the West boundary of said Commercial Clubs land and 33 ft N of the  $\frac{1}{16}$  line on South Boundary of lot 3. Thence West 930 ft to place of beg

Excepting also all that Part of NE  $\frac{1}{4}$  SE  $\frac{1}{4}$  within the following boundaries. Beg. at NE Cor NESE Sec 10-145-31 marked by an I.M. thence S  $89^{\circ}15'W$  along the N boundary of NESE 1323.5 to the NW Cor. of said tract an I.M. thence S along the W Boundary of NW SW 1328.3 to SW cor of said tract an I.M. Thence N  $89^{\circ}12'E$  881 ft to an I.M. on the S boundary of said Tract thence N  $23^{\circ}35'W$  241.9 ft I.M. thence N  $1^{\circ}35'E$  406.3 ft to an I.M. thence N  $75^{\circ}03'E$  473.7 to I.M. thence N  $16^{\circ}24'W$  261.8 ft to I.M. thence N  $8^{\circ}05'W$  179.7 to I.M. thence N  $89^{\circ}15'E$  168.9 ft to E Boundary of said tract. Thence N along E boundary of said tract 150 ft to place of beg

continued on pg. 10 this book

Electric B1 Pt Co 312 Minn Av

Garfield 2368 1948

Early K.T. Early Box 72 Brainerd

May 19-1950

A. S. Falkner come to the office  
and wants me to come to his  
place. at Cass Lake to morrow  
to run out the old County  
Road. described in his deed,

(description continued)

Excepting also all that part of lot 3 sec 10  
145-31 that lies within the following bdy.

Begin at NW cor of lot 3 & running thence  
southerly along the Wly line of said lot  
3 150 ft to a point; running thence  
Easterly in a right line parallel with  
the N line of lot 3 to the shore line of Cass  
Lake at low water mark; running thence  
along the shore line of Cass Lake at low  
water mark in a N.Wly direction to the  
N line of lot 3; running thence Westerly  
along the N line of lot 3 to point of  
beg.

May 20-1960

I go to Cass Lake arrive a little before noon. Falk is down town I wait for him he comes and wants to get started. He is one of them guys that want to do a lot in no time and gets nothing done at all.

We go to some iron set in the field he says that are points described in this deed.

Set T over M. site  $N 1^{\circ} 35' E$  and run  $S 23^{\circ} 35' E$  241.9 ft set 60 d. spike in  $\frac{1}{2}$  road.

N. T over 241.9 ft to  $N 23^{\circ} 35' W$  and run  $S 89^{\circ} 15' E$  440 ft.

I tell him I have to go home and check this as I do not know where I am.

12

F

Sunday 21-1950

I take Bert & the kids and  
we do to Norman Robinsons  
in Sec. 16-136-29 East of Pequot.  
I run out his 5 acres see  
book 284.

Stop at Jenkins see Dwight.  
Home late

Monday May 22-1950

Up at 5 go to Court House @  
5:30 - check over notes of Sec 10  
145-31. copy Abstract of Title

Ida H Suitor a Widow to  
Louis Leland and Hertha Leland  
W.D. \$12000.00 Dated March 17-1945-  
Filed Sept 10 1945 Book 90 of Deeds  
page 388

Conveying the tract described in  
Book 59 of Deeds page 545,  
Entry N 37 herein

I find<sup>ed</sup> that the last Entry  
in the Abstract is to Louis  
Leland. But the man who  
is there running the place  
is A.G. Falk. I do not know  
if he owns it or not talks  
like it.

# 14 Cass Lake

May 22-1950

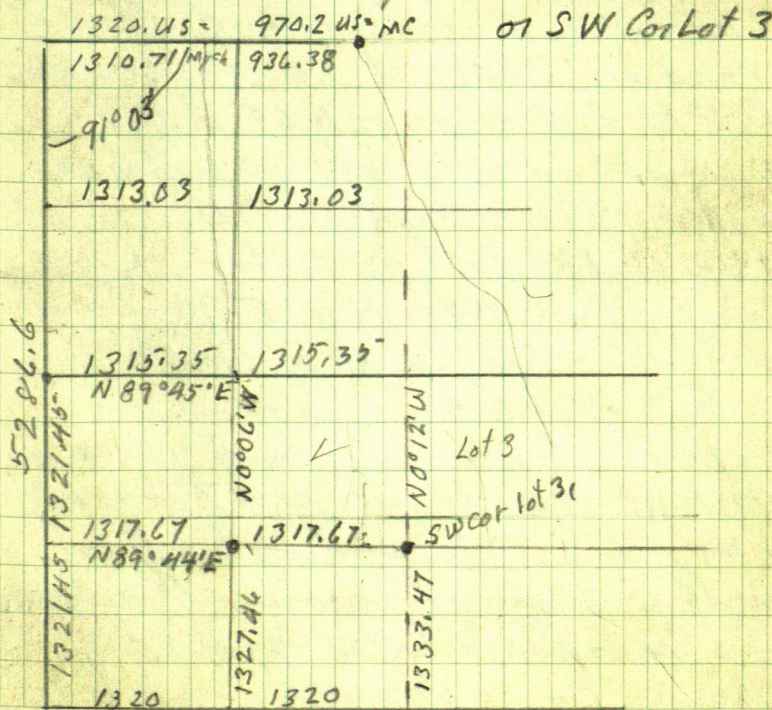
Up at 5 go to Court House  
5-30 check over plats & notes  
of Cass Lake.

Get 91 gas and drive to  
Cass Lake, to Highland Inn.

Falk is not home I wait  
a while then drive to S line  
of lot 3. Lv the car walk W  
900 ft +- to N + S E Sec 10  
then walk N  $\frac{1}{4}$  mile and  
look for the Iron Corner  
that was there last fall can  
not find it walk back to  
the car. Falk comes we  
drive to Indian Surveyor  
office he tells us he found  
the  $\frac{1}{16}$  center of the SW  $\frac{1}{2}$  of  
sec. 10. tells us where to look  
for it. We find it and set  
Flag. We go and set Flag  
at pt for IM on S line of  
lot 3 881 ft E of S  $\frac{1}{16}$  corner  
center of SW  $\frac{1}{4}$  Sec 10 this point  
881 E was set by backing

in the line from I m that  
are in the ground.

Work T on line between  
the Two Flags and then  
from this point called 881 E  
of SW Cor of NE-SE as called  
for in the Abstract I chain  
E 436.76 to point for SW Cor  
of Lot 3 - Sec 10 - 145 - 31. This point  
is 1317.76 E of  $\frac{1}{16}$  Cor. Center SW  $\frac{1}{4}$



John A. Haug 5209 Drew Ave So Mpls  
 See Mrs Ingeborg Nelson 803 Douglas  
 Ave Mpls. See Mrs Nabbott Ludwig  
 Mattson Peguot. Nelson Lot adjoins  
 Schwerin Lot on Bertha Lk Apr 26-1948  
 Field Books

Letter File

---

From SW Cor Gov't Lot 3  
 I Run N  $0^{\circ}12'W$  33 + 167 = 200. set  
 60 ft spike called pt in  $\frac{1}{2}$  of county  
 road in Abstract. Over 200 BS  
 S  $0^{\circ}12'E$  and run N  $60^{\circ}E$  357  
 and set wood stake pt call  $\frac{1}{2}$  cor.  
 road in the Abstract this point  
 is in  $1\frac{1}{2}$  foot of water. Over  
 357 stake Run N  $10^{\circ}E$  90 ft and  
 set stake in 2 ft of water

Take X back on land and  
 from Huban bank run  
 N  $10^{\circ}E$  90 ft set pt. Over pt  
 run N  $65^{\circ}E$  and set stake  
 with boat at sea wall which  
 is under water now  
 Harold.

As. A.G. Falk would not answer my letters  
or pay me the \$5000 I charged him for  
my time I talk to Ed Rogers Co. Attorney  
He said to have Remer send him a letter  
which I do. Monday Aug 1930

on Friday Aug. 11 I get a check from

A.G. Falk for \$5000 copy of check

Falks Highland Inn

AC + JJ. Falk

No 682

Cass Lake Aug. 1 1930

pay to the  
order of Harold Caro

The First National Bank

of

Bernidji Minn

50 00

Falk Highland Inn  
A.G. Falk

18 N Western Tel. Co.  
Cass lake

Find Note at office Northwestern  
Bell Tel. Co. wants the East  
40 feet of lot 1+2 Blk 7 of Cass  
Lake runoff and I M set at all  
corners. no hurry. but before  
Aug 15<sup>th</sup> 1950

$$\begin{array}{r} 917.5 \\ 106 \\ \hline 69 \end{array}$$

Cass Lake

NW Bell Tel. Co.

19

Aug 10 - 1950 PM.

Elsworth Miller + I + Lu Walker drive to Cass Lake to look over the layout. I talk to Mose Morse - then someone at fire department. Then go to Ottertail Power Co. and look over maps of Cass Lake.

Elsworth + I go to E  $\frac{1}{4}$  E Mon N side Sec. 15 where we dig up I.M.  $\pi$  over I.M.  $\frac{1}{4}$  Elsworth holds flag @ center of Manhole called NW Cor Sec. 15. 145-31. Then sets hub near E side of street that runs along W. side blk 7. From  $\frac{1}{4}$  Cor we chain West @ 917.5 hub 60° spike from this spike to center of manhole chains 402.1. = 1319.6 should be 1320

From hub 917.5 W. chain E 10.6 to 906.9 set spike in line Turn 90° & run from SW Cor of Hotel chain N @ 300 run @ 313.6 hub 60° spike @ 361.5 N inside of sidewalk running E @ 591.9 spike but Turn blk cor. 33 ft S of  $\pi$ .

continued page 21

20

U

Carl Johnson 2681 Juliet  
Ave St Paul 5, Minn Aug 18-49  
See Envelope 465

Cass Lake

NW Bell Tel.

J

21

August 11-1950

Lu Walker 10 o'clock drive to  
Cass Lake Tower hub 591.9 S of  
Temp. blk cor net spike hub  
300 ft N of SW cor of Hotel  
as our hub 906.9 is .40 of a foot  
too close to manhole used for  
NW cor Me. 15. We find our  
line runs just .40 of a foot W of  
the Hotel at both the NW & SW  
corner of the Hotel so we will  
move our line .40 of a foot East  
to line up with West side of  
Hotel building and make the  
distance check out perfect with  
the center of the manhole.

Tower hub 300 ft N of SW  
cor Hotel site N on spike 906.9  
W of  $\frac{1}{4}$  which is berrt. and run  
E @ 100.4 net spike hub for NW cor  
of the E 90 ft of Lot 1. @ 140.4  
net 60° spike for NE cor Lot 1 blk  
7 of Cass Lake. + 20 net 60° spike  
to mark E side of alley at NW cor  
Lot Bk 7

22

K

We set 2 1/2 x 30" I Ms at B1K Corn  
NW Cor B1K 7. at NE cor Lot 1  
at NW cor of E 40 feet Lot 1 also  
one across the alley @ NN cor  
Lot 22 B1K 7 one at SE cor Lot  
2 one at SW Cor Lot 2 and  
one @ SW Cor of E 40 feet of  
Lot 2 all in B1K 7. Cass Lake  
finish @ 3:30 P.M.

q.c. Deed O.A. Bingman + Edith - wife  
 Dated June 1-35 To

Filed July 31-46 Agnes C. Sitzer

Book 88 D 560 Lot 26 Auditors Plat N<sup>o</sup> 4 Cass Lake

ack June 3-35 before John L. Allen N.P. Okmulgee Co  
 Okla N.S. 2 Witnesses

Warrant Deed Agnes C. Sitzer + L.C. pres  
 Feb 25-47 To

Filed Apr 22-47 Ed + Amelia Kuelbs as joint tenants  
 Book 96 D 468 not in common

All that part of Lot 3 Sec. 10-145-31  
 being likewise a part of Lot 26

Auditor Plat N<sup>o</sup> 4 described as follows

Beg. at the S.W. cor of said Lot 3  
 being also the S.W. corner of said  
 Lot 26 Auditors Plat N<sup>o</sup> 4 running  
 thence North along West line of said  
 Lot, 48 ft to a point thereon; thence  
 N 78° E a distance of 875 ft to West  
 boundary line of said lands recorded  
 in a straight line + appx 233 ft  
 to South boundary line of said Lot 3  
 and S boundary line of said appx 930  
 ft to pt. of beg. Subj roads

Wm. Deed Agnes C Sitzer - Louis C  
 Oct 1-47 individually + as trust wife  
 Filed Oct 17-47 to

Book 93 D. 542 W. Harbard Nelson

All that part of Lot 3 Sec. 10-145-31  
 the same being a part of Lot 26 Anderson  
 Plat No 4 - Described as follows

beg. at the SW corner of said Lot which  
 is a point common to both running  
 thence North along West line of said Lot  
 which is common to both 48 ft to a  
 point: thence running N  $78^{\circ}$  east 240 ft  
 to an iron stake set which point and  
 stake is point of beginning of land  
 conveyed herein thence running  
 Northerly 18 ft to an iron stake set  
 easterly in a straight line 762 ft  
 through an iron stake set on banks of Cass  
 Lake to shore of Cass Lake at Low Water  
 mark thence Southerly along said shore  
 line of Cass Lake @ low water mark to the N boundary  
 line of land heretofore ~~deduced~~ <sup>deduced</sup> in 7 of Deeds 372: thence  
 run S.W. by along the N.W. by boundary of said land  
 deduced to Cass Lake Commercial Club as above  
 mentioned to the N.W. cor. of said land thence S.E. by  
 along said boundary line of tract so deduced to C. L. Comm. Club  
 196 ft to pt. thence W. in straight line to pt of beg. exch. road.

## Deed.

Filed Dec. 5-1958-9AM

This Indenture made this 29 day of November 1950 between Albert G. Falk and Betty M. Falk individually and as husband & wife of the County of Hughes & State of South Dakota. Parties of the First Part and Ida J. Falk Jacobs, of the County of Hughes & State of South Dakota Party of the second part. her heirs, & assigns forever all the tracts or parcels of land lying and being in the County of Cass State of Minn. Described as follows to-wit:

Gov't Lot 3 and NE 1/4 of SW 1/4 of Sec. 10-145-31 according to U.S. Gov't Survey there of, excepting there from however, all that portion of said Gov't Lot 3 within the following described boundaries to-wit beginning at a point where the southerly line of said Gov't lot 3 intersects the shore line of Cass Lake at the established low water mark and running thence westerly along the southerly line of said lot 3

685 feet to a point: running thence at an undetermined angle in a straight line Westerly of North 427 feet to a point that would intersect a line 348 feet in length: running in a direction Southerly of West from the Meander line of the said Shore line of Cass Lake at the established low water mark through the center of a blazed tree standing from 5 to 10 feet from said low water mark: running thence from the point as established in a straight line 348 ft in a direction Northerly of East & through said blazed tree to the meander line of Cass Lake at the established low water mark: running thence along said meander line of said Cass Lake at the established low water mark to pt of beg.

Also Excepting a right of way upon and over a certain strip of land 33 ft in width along the Southerly side of said Lot 3 and the NE  $\frac{1}{4}$  of SE  $\frac{1}{4}$  Sec 10  
145-31

Said 33 foot strip extends  
From westerly line of the tract  
above granted and along the  
Southerly line of the tract herein  
mentioned a distance of 1006 ft  
+ - to the intersection of the existing  
roadway now on said premises.

Also excepting the following  
described tract

Beg. at a point 33 ft N of the SW  
corner of lot 3 in said sec. 10  
145-31 and running thence North  
along the West boundary of said  
lot 3 - 167 feet to the County road  
thence North  $60^{\circ}$  E 357 ft to a point  
in the center of the county road  
thence thence N  $10^{\circ}$  E 90 ft to a pt in  
the center of the Co. Road! Thence N  $65^{\circ}$   
E 710 ft to a monument at a point  
where the South right of Way line  
of the Co. Road road intersects  
the West shore of Cass Lake! thence  
S  $31^{\circ}30'$  E following the lake shore  
280 ft to a monument at the NW corner  
of the land decded by Nina F Martin

and husband to the Cass Lake Commercial Club. Thence South  $21^{\circ} E$  391.60 ft to a point on the West boundary of said Commercial Club land and 33 ft N of the  $\frac{1}{4}$  line on the South boundary of said Govt Lot 3 Thence West 930 feet to the place of beginning 10  $\frac{1}{4}$  Acres  $\pm$

Excepting also all that part of the NE corner of the NE  $\frac{1}{4}$  of SW  $\frac{1}{4}$  of Sec. 10 - 146 - 31 marked by an I M Thence South  $89^{\circ} 15' W$  along the N boundary of said NE  $\frac{1}{4}$  of SW  $\frac{1}{4}$  a distance of 1323.5 feet to the NW corner of said tract an I M, thence S along the W boundary of said NE  $\frac{1}{4}$  of SW a distance of 1328.3 feet to the SW cor of said tract an I M, thence N  $89^{\circ} 12' E$  a distance of 881 feet to an I M on the South boundary of said tract thence N  $23^{\circ} 35' W$  a distance of 241.9 ft to an I M thence N  $1^{\circ} 35' E$  a distance of 406.3 ft to an I M thence N  $75^{\circ} 03' E$  a distance of 473.7 ft to an I M

Thence N  $16^{\circ}24'$  W a distance of 261.8 ft to an I.M. Thence N  $8^{\circ}05'$  W a distance of 179.7 feet to an I.M. thence N  $89^{\circ}15'E$  a distance of 168.90 ft  $\pm$  to the E boundary of said tract thence N along the East boundary of said tract a distance of 150 feet to the place of beg. and enclosing a tract of land containing 31.1 acres  $\pm$  and lying wholly within the NE  $\frac{1}{4}$  of the SW  $\frac{1}{4}$  of said Sec. 10, Twp & Rge. aforesaid; Excepting and reserving however to the first Party its successors and assigns a perpetual roadway and right-of-way for ingress and egress on over and across so much of said above described tract as is now included in the lines of the road or highway as now laid out; recognized and used across the SE corner of said tract

Excepting also all that portion of part of lot 3 of Section 10 - 146-31 that lies within the

following described boundaries  
to-wit

Begs at the NW corner of said  
lot 3 and running thence southerly  
along the westerly line of said lot  
3 - 153 feet to a point; running  
thence easterly in a right line  
parallel with the N line of said lot 3  
to the shore of Cass Lake  
at low water mark; running  
thence along the shore line of  
Cass Lake @ low water mark in a NWly  
direction to the N line of said lot  
3 running thence westerly along  
the N line of said lot 3 to pt of beg,  
contain 1.4 acres +-.

The said last two exceptions  
being that part of said lands &  
premises now under executory  
contract for the sale thereof to  
the Cass Lake Golf Club.

Filed for record June 6<sup>th</sup>  
1907. between Nah-gan-nah-  
cumig-ish Kung a Chippewa  
Indian and Ah-gue-tah-wah-  
cum-me-goke, his wife of the  
County of Beltrami and State  
of Minn parties of the First part  
and H.H. Martin of the County of  
Hennepin and State of Minn  
party of the second part

Witnesseth that the said  
parties of the first part for and in  
consideration of the sum of  
seven Hundred and no/100 dollars  
to them in hand paid by the said  
party of the second part the  
receipt whereof is hereby  
acknowledged do by these presents  
grant forever all that tract or  
parcel of land lying and  
being in the County of Cass and  
State of Minn. described as follows

The S  $57\frac{1}{100}$  acres of Govt Lot  
 No 3 and NE  $\frac{1}{4}$  of SW  $\frac{1}{4}$  of Sec 10  
 145-31

No Bounds having been  
 established by actual survey  
 it is the intent of this deed  
 to convey a strip of land  
 $57 + \frac{1}{100}$  across the south side of  
 NE  $\frac{1}{4}$  of SW  $\frac{1}{4}$  and across the  
 S. side of Govt Lot 3 + N  $1\frac{1}{100}$  of  
 of said  $53\frac{1}{100}$  Acres to be in  
 all places equally distance from  
 the S line of said NE  $\frac{1}{4}$  of SW  $\frac{1}{4}$   
 and said Govt Lot 3 Sec. 10 T14N  
 - 31-

34 Highland Inn - Cass Lake

April 24-1951. I put \$2.00  
gas in car and Lu Walker  
drive to Cass Lake arrive 9-30  
go to Lawyer Office over Bank  
no one there wait until after  
10 - drive to Highland Inn.

Have coffee call Lawyer  
drive back and we go over the  
description of Highland Inn  
land. - Lu and drive to Highland  
Inn for dinner  
P.M.

I drive into Cass Lake  
and go to Gov't Indian Surveyor  
office where Joe & I check  
their maps for angles and  
measurements of land in Sec. 10

I go to Street - City Station  
to find out about Commercial  
Club tract they send me to see  
A.G. Swindlehurst he tells me  
a lot about the place as he sold  
Highland Inn for one of the owners  
but I get nothing to help me as I can  
see drive back to Highland Inn then  
on to Walker

April 25-1951

up early go to Court House at Register of Deeds office I copy First sale of NE of SW + Lot 3 in page 32 this book.

I drive to Cass Lake, to Highland Inn Stop at lumber yard in Cass Lake and get sticks  $1 \times 1\frac{1}{2} \times 22'$  pay \$2.48 drive to Highland Inn Leonard A Jacobson + I go to IM set for angle point No 1 N. of South line of NE of SW set Backshot go N  $1^{\circ}35'E$  406.3 IM 2nd Angle point

Then 2nd A.P. B.S. S  $1^{\circ}35'W$  on IM run N  $75^{\circ}03'E$  473.7 ft det 60° spike do not see I.M.

Then 60° spike B.S. S  $75^{\circ}03'W$  run N  $16^{\circ}24'W$  261.8 we find a  $1\frac{1}{2}$  Gal pipe about 2 feet long bent over and ~~we move this pipe to our point as it is in a cut off road and on the edge~~ IM sets N. 9 + W. 6 from our point = 60° spike

Then 60° spike B.S. S  $16^{\circ}24'E$  + run N  $8^{\circ}05'W$  179.7 ft. we find this IM bent over straighten it up  
Then still over 60° spike IM bears

N  $8^{\circ}28'W$  181.6

Now I.M. BS  $S 8^{\circ}28'W$   
the I.M. set for  $\frac{1}{4}$  Corner  
sets N  $39^{\circ}24'E$  194.8

Still over I.M. BS  $S 8^{\circ}28'W$   
I.M. bears  $S 8^{\circ}12'E$  179.7  
We go back to angle point N<sup>o</sup> 3  
and find the I.M. about 18 inches  
NW of our 60' spike  
find I.M.s at all A.P. except those  
at 881.  
We go to A.P. N<sup>o</sup> 1 I.M.  
Now I.M. BS. N  $1^{\circ}35'E$  and run  
S  $23^{\circ}35'E$  241.9

April 26-1967

Set Gas 4.03 at Deep Rock drive to Cass Lake. Where I pick up Mose Morse at Licker store drive to Highland I at 9 AM.

Mose + I drive to  $\frac{1}{4}$  Cor Center SW  $\frac{1}{4}$  Then south  $\frac{1}{4}$  mile to W  $\frac{1}{4}$  cor between Sec. 10-15-145-31 set flag. drive N  $\frac{1}{4}$  to I M. Center SW  $\frac{1}{4}$  Tower I M. Tel. poles on line off set W 2 ft drive back S. to W  $\frac{1}{4}$  bet 10-15 off set 2 ft W. drive N. Walk on line between flags on 2 ft offset west set flag.

Tower 2 ft offset @ center SW  $\frac{1}{4}$  site South on flag Turn L  $90^{\circ}50'$  to stakes on E & W  $\frac{1}{4}$  drive back to offset hub 2 ft W of W  $\frac{1}{4}$  I M. bet. 10-15 Site W on Sec Cor center of Manhole Turn R.  $90^{\circ}36'$

Mose has his lunch I eat at Highland I M. PM.

Mose + I drive to boat landing Look for monuments find nothing drive back Lv car near pt of 881  $\frac{1}{4}$  E of I M. center SW  $\frac{1}{4}$  Walk W to  $\frac{1}{4}$  SW corner of NE of SW chain East. @ 300 min

HAR0901 Co 911 Mangrove Hrs 1745  
815 Mang Ave Atlantic 2247 Tel OK 1947

428.8 - 60° spike hub in ball park + 206.2

635.0 ft E. 60° spike on top + 246 = 881

@ 881.4 our 60° spike

Tower 881 BS S 89° 12' W (called for in  
lead) I.M. sets N 23° 30' W.

Still @ 881 - BS S 89° 10' W (course  
read) I.M. sets N 23° 32' W

Still @ 881 BS S 89° 17½' W angle fig)  
I.M. sets N 23° 25' W

S. Line of sec. runs N 89° 24'

S " " N E S W " N 89° 10' = 014' difference

S Line is 1320

S Line N E of S W =

Tower 60° spike 881 ft E of I.M. 1/6  
center S W 1/4 chain E 436.95  
to flag on top + 2.05 = 1320 set  
60° spike for Temp 1/6 Center  
South 1/2 Sec. 10 - 145 - 31

Wed May 2nd 1951

I & Walker drive to Cass Lake  
stop at Daniels Law office & Lookover  
Abstract

Trustee's ~~Book~~ entry # 15  
dated June 19<sup>th</sup> 1911  
Filed Sept 8<sup>th</sup> 1911

Book 13 deeds page 257

Minneapolis Trust Company  
By C.T. Jaffray V-Prest  
Robert W Webb Secretary.  
to

Murray B. Humes

Beg. at a point 33 ft N of the SW cor.  
Holt Lot 3 Sec. 10 - 145 - 31 and  
running thence N along the west boundary  
of said Lot 3 167 ft to the center of the  
County road, thence N 60° E 357 ft to a  
point in the center of the County road;  
thence 10° E 90 ft to a point in the center  
of the County road, thence N 65° E 710 ft  
to a monument at a point where the S. right  
of Way line of the County road intersects  
the West shore of Cass Lake thence South  
31° 30' east following the lake shore 280 ft

to a monument at the NE cor  
of the land deeded by Nina F Marlin  
and husband to the Cass Lake Commercial  
Club. Thence S  $68^{\circ}$  West 348 ft to a monument  
at the NW cor. of the land deeded by  
Nina F Marlin & husband to the Cass Lake  
Commercial Club. Thence S  $21^{\circ}$  E  
391.6 feet to a point on the west Boundary  
of said Commercial Club's land and  
33 feet N of the  $\frac{1}{16}$ th line on the S  
boundary of said Gov't Lot 3 thence  
West 930 ft to the place of beginning  
containing 10.06 Acres more or less

Subject to all privileges and  
easements heretofore granted  
and conveyed to the Cass Lake Commercial  
Club by deed dated June 25 1909  
recorded in book 7 of Deeds on page  
372 entry # 11  
entry # 23

May 3rd 1961

Lv Walker drive to Cass Lake pick up Mose Morris at Cass Lake @ 9-30 drive to SW cor Lot 3 Sec. 10-145-31

Tower Temp SW cor Lot 3 site W on line and run E 789.67 at 60° spike hub.

Tower 789.67 E site W Turn 90° run N @ 200 pin @ 398.64 should be the NW Cor of Commercial Club Tract as the deeds read there should be a monument at this cor. We can not find anything so go back to 60° spike at SW cor of High-land in 881. ft E of  $\frac{1}{4}$  I.M. center SW  $\frac{1}{4}$  run out the road.

I go into town to get dinner + cig.

Mose eats his lunch on the job

P.M.

Tower 60° spike on S Line of NE-SW 881 ft E of I.M. center SW  $\frac{1}{4}$  BS S 89°40' W run N 50°57' E 210 to Sta 1

Tower 1 BS S 50°57' W run N 55°35' E 105 to Sta 2

Tower 2 BS S 55°35' W run N 62°26' E 190 to Sta 3

T " 3 " S 62°26' W " N 54°17' E 160 " 4

T " 4 " S 54°17' W " N 23°47' E 90 " 5

42

T

Road Harry St Box 212  
 Tracy, Calif Apr 13-1949

Tower Sta 5 BSS  $23^{\circ}47'W$  run  $N 9^{\circ}37'E$

170

to Sta 6 Road L<sub>1</sub>

Tower Sta 6 BSS  $N 9^{\circ}37'W$  run  $N 26^{\circ}45'E$

120 ft. to Sta 7 in  $\Phi$

Tower Sta 7 BSS  $26^{\circ}45'W$  run  $N 80^{\circ}29'E$

488 to edge of water @ 300 end of new  
 fill

April	23	24	25	26	27	May	2	3	4	5	6
Harold Curo T	1	1	1	1		1	1	1	1		
Carl			1								
Exp.			5 days								
			2.50								
Leonard Jacobs	1	1									
Mose Morris					1			1			

35-  
 35-  
 245-  
 35-  
 280

T

44

N 31° 30' W 280

Sine  $522499 \times 280 = 146,874$

Cosine  $852640 \times 280 = 238,741$  N

N 76° 17' E 348

Sine  $967,031$

Sine  $927184 \times 348 = 323,441$

Cosine  $374687 \times 348 = 130,361$  N

643.49

968.89

524.00

1113.33

710

N 6° E 710

N 39° 56' E 789.67

323.26

N 21° W 427

153.02

398.64

12.69

Sine  $858368 \times 427 = 365,800$  W

Cosine  $938580 \times 427 = 400,800$  N

Lot

309.17

378.50

N 10° E 357

309.17

N 20° E 357

178.5

942.69

789.67

930

309.17

N 100

309.17

309.17

309.17

309.17

309.17

NE-SW

N 21° W 35.4

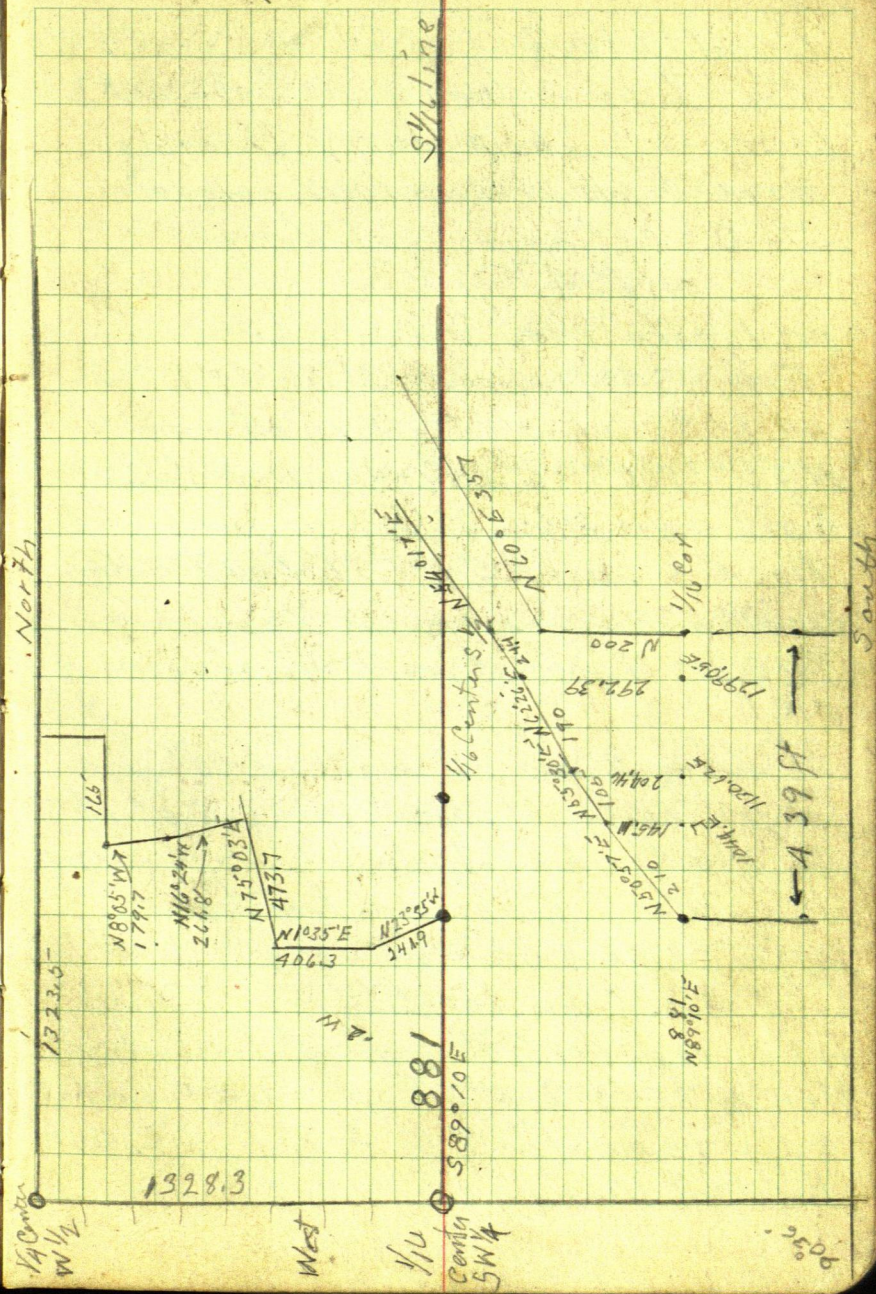
Sine  $358368 \times 35.4 = 12.69$

Cosine  $938580 \times 35.4 = 33.00$

$5\frac{1}{2}$  line 2

45-

S are thy



46

## Highland Inn Resort

Aug 1-1952

Ed & I Lu Walker arrive Cass Lake  
 11 o'clock pickup Jerry Daniels  
 drive to Highland Inn relocate  
 Sta 0 = 60.4 spike goto dinner  
 PM

relocate the SW cor. Lot 3.

From Sta (0) we run N  $50^{\circ}57'E$  210  
 set 60.4 spike old Sta ①  $\pi$ @① run  
 N  $53^{\circ}35'E$  105 set 60.4 spike old Sta ②  
 $\pi$ @② run N  $62^{\circ}26'E$  190. spike old Sta ③  
 $\pi$  over 3 run N  $54^{\circ}17'E$  160 to old ④  
 continue same course through ④  
 228 ft to point for Judicial Mon.  
 A.P.

$\pi$  still @ 3 run E 20.81 set 60.4 spike <sup>on W limit lot 3</sup>  
 pt for <sup>with</sup> Judicial Mon. 15 ft S of pt  
 in road where Judicial Mon belongs  
 Work  $\pi$  on line between  
 spike 20.81 E of Sta 3 which is on West line  
 Lot 3 & SW cor Lot 3. from SW cor  
 Lot 3 run N @ 35 spike pt for Judicial  
 Mon @ 77.93 but 60.4 spike @ 168.1 spike but  
 @ 200 spike pt for I.M. & 73.1 pt for Wit  
 Judicial Mon.

W. Cass Lake Lots 13-14-15 B1K6

E 50 feet of same.

Edwin Green

From SW cor of alley can not see corner of house more

At 5 ft S on edge of 5 ft. sidewalk.

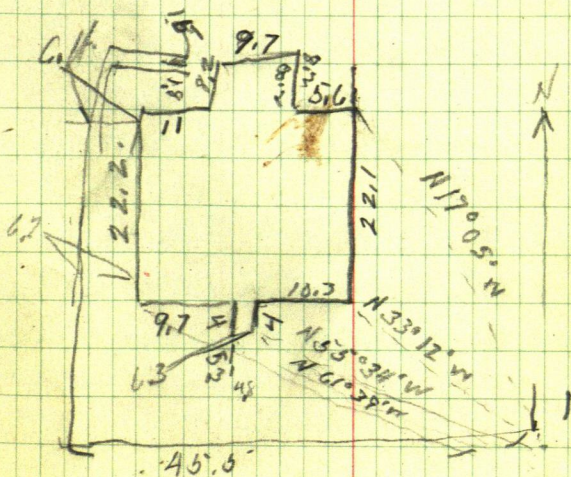
Site E along S edge of Walk run

NE corner house bears N  $17^{\circ}05'W$  44.00'

SE cor bears N  $33^{\circ}12'W$  23.9

SW cor bears N  $63^{\circ}06'W$  44

Size of house.



48

W

Wilcox Lee L.

Date —

Ben Park - 286 Baker Building  
Minneapolis Minn called at my office  
he owns Lot 5 section 26-144-31  
he wants his lines and plat  
of Lake shore. Lot 5 is a hunting  
camp.

Date —

I drive to Wood's Resort Lu  
cor walk along Lake shore of  
Crooked lake to cabin then  
go to Three lake and look along  
shore line for M.C.'s find

Nothing @ the MC on East side  
of Crooked on N  $\frac{1}{2}$  line I find  
a W.P. B.T. but as this B.T. was  
marked in U.S. Re-survey and  
I have no notes of said survey  
I find N.P. B.T. on E  $\frac{1}{2}$  & sec 26  
but have no notes the I.M. is lying  
on the ground pushed up by ice.  
Home late

Date —

I pick up Keth Price and we drive to  $\frac{1}{4}$  MC on E+WE of Sec. 26-144-31 Lv Cor Walk to tree placed for Temp center SW  $\frac{1}{4}$  Sec. 26 and run a compass line W  $\frac{1}{4}$  mile and South  $\frac{1}{4}$  mile passing as the water is up around the Section Cor. to Sec. 25-26 35-36 is deep We find nothing as we can only look for the EM have no Notes of Resurvey we go West to Creek find nothing so drive back to Walker.

Date —

Ben Park calls to see how the survey is coming I tell him I have sent to Washington D.C. for notes on Resurvey and I will let him know when they come. I receive them in Deer Hunting season. I check notes and distances between points

Dir Oak 7 N 89° 15' E 127

Pop. 10 S 32° 30' W 92

Trueline

N 89° 01' W

5219.28

Tablet 26

Balm Gyl 12 N 57° 45' E 3035

Dead Tank 7 S 12° E 169

" " 10 S 21° 30' W 103

Pop. 14 N 48° 30' W 403

EL 76 N 31° 30' E 26

Pop. 10 N 6° 30' W 162

4316.40 N

MC

N 1/4 line

286.44

W 10 N 13 E 18  
Dir 6 S 38° 15' E 54

2609.64  
in Loka

377.52

MC

MC  
MC  
35/36

Spruce 14 N 81° 15' E 430 LKs

Pop. 14 S 29° 15' W 374 "

2153.20

35 36

2 1

5-2

Nov 30 1951

Ed & I drive to Woods Resort on  
E. side Crooked Lake Sec 36-144-31  
@ the M.C. on N 1/4 line we find the  
W.P. green and plainly marked  
we do not put this M.C. in as it  
comes in the edge of the water  
The ice has taken out the I.M. we  
do not look for the Birch B.T. here  
as we only are trying to locate  
the section corner by backing  
in the line. From Temp point  
for this M.C. we chain West  
286 feet and lay a black stick on  
the ice to mark about where the  
line should be. We run N  $2^{\circ}$  E  
400 + passed on ice to about point for  
M.C. N side Crooked lake bet Sec.  
35-36-144-31. Where  
U.S. Re-survey Note Call for I M &  
Elm 6 N  $31^{\circ}30'$  E 251 Rs  
Poplar 10 N  $6^{\circ}30'$  W 162 Lks

We find the Poplar - a snag  
rotter badly but plainly Marked  
as the line figured should

pass this B.T. 12 ft  $\pm$  to the E. we measure 12 ft E from B.T. set flag and line it up with black stick on ice and continue compass line North @ 900 ft  $\pm$  - passing we look for the Brass tablet set for the True corner to Sections 25-26 35-36, 144-31 US Resurvey Note say @ corner to Sec. 25-26-35-36 We find old B.T. badly rotted stumps and set G.C. on top Brass Tablet from which

Balm Gilead 12 N  $54^{\circ}45'$  E 301 Lks

Dead Tamk 7 S  $12^{\circ}$  E 169 Lks

" " 10 S  $21^{\circ}30'$  W. 103 Lks

Poplar 14 N  $48^{\circ}30'$  W 403

After searching for sometime in heavy brush I find the Balm Gilead now a 8 foot snag from this I pick up the stump of the SW Tamk plainly marked, also stump of the S.E. Tamk this shows part of B.T. I do not look for the Pop as it is too far away and heavy cutting as I do not need to find the corner

54

Dec. 1-1957

from the 2 South B.T. I chain  
and mark pt for Corner on  
ice. chop away ice in swp  
and find the Brass Cap. Tablet  
6" below

At over True Corn I check  
angle bet the Blazes of the two  
Tamik stumps which check  
so from the B.T. stumps I take  
my bearings and run  $N 3^{\circ} 06' E$   
between Sec 25-26-144-31  
@ 290.4 I hit the I.M.M.C. in  
center of I.M.

at this Point US Resurvey Notes  
call for IM +

Burr Oak  $7 N 89^{\circ} 15' E$  127 Lks = 8382 ft  
Poplar 10  $S 32^{\circ} 30' W$  92 Lks = 6072 ft

The Pop is a snag badly  
rotted but plainly marked

I still @ corner to 25-26-35-36  
Site  $N 3^{\circ} 06' E$  on MCIM and  
run  $N 89^{\circ} 01' W$  between Sec.  
26 + 35 144-31 cut line  
until time to go home

Dec. 2 1957

US Resurvey Notes Say  
from Corto Section 26-27-34-35Pop 7 N  $73^{\circ}$  E 68Tank 3 S  $71\frac{3}{4}$  E 59Cedar 5 S  $31\frac{3}{4}$  W 62

No other near rum

S  $89^{\circ}01'E$  between Sec. 26-35

3921 = 2587.86 N Shore Crooked

Lake bears N  $8^{\circ}$  E 4976 WSet IM Wit  $\frac{1}{4}$  and MCAsh 3 N  $48^{\circ}$  E 97Pop 8 N  $4\frac{1}{2}$  E 1114011 pt for  $\frac{1}{4}$  in Lake4087 ~~over lake~~ MC in lake

5710 over lake pt for MC on N Shore

Crooked Lake brs. N  $60^{\circ}$  W + S  $63^{\circ}$  ESet IM Burr Oak 6 N  $69\frac{1}{2}$  W

176 LRS =

over land

5930 stream 20 LK wide N  $40^{\circ}$  W - S  $40^{\circ}$  E

bet Crooked &amp; Faherty Lakes.

7270 Lr marsh

7470 road to Crooked Lake

7670 into marsh

80.22

Corto 25-26-35-36

56

Dec. 2nd 1957

Don-Ed- and I Lr Walker  
drive to Mr. Rolla C. Potter's  
place, on Faherty Lake across  
Cass Lake Minn Squaw Point Route  
Where we Lr the car and walk

$\frac{1}{2}$  mile south and  $\frac{1}{4}$  mile  $\pm$  W  
to corner to Section 25-26-35-36.

$\pi$  over 6" Brass Tablet true corner  
to said sections Site N  $3^{\circ}06'E$  on  
I.M.M.C. and run. N  $89^{\circ}01'W$  bet  
section 26-35-144-31.

@ 225 Lr Swp. @ 300 pin

@ 364.70 hub 60' spike in center of  
old road.

$\pi$  still at corner to Sections  
25-26-35-36 -144-31 we take  
New ties viz

Tamix 5' N  $88^{\circ}30'W$  218.5'

Birch 6' N  $38^{\circ}E$  60.75'

10ft. Tamix snag 105'  $77^{\circ}45'W$  60.4'

Willow 3.5'  $47^{\circ}25'E$  18.70'

courses taken from true North bearing  
line bet Section 25-26 as N  $3^{\circ}06'E$   
as called for in U.S. Notes of Re-survey  
of 1931. Cut line West until right

## ST. JOSEPHS HOSPITAL

Park Rapids, MN 50470

Phone (218) 732-3311

4514M09 3M REV. 8/91

## NURSING DISCHARGE SUMMARY

If you are unable to reach your physician, contact the St.  
Joseph's Hospital Emergency Room: (218) 732-3311.

5571896

CURO, WALTER E

BOX 129

HACKENSACK

HEDEEN LORENZ

260N 1 S 022193

51

12289A

091441

1. PRIMARY PHYSICIAN: Hedeen Patient Phone # \_\_\_\_\_2. CLINICAL APPOINTMENTS:  
☐ Scheduled for: March 2 93 at 2:45 <sup>A.M.</sup><sub>P.M.</sub> at Park Rapids Clinic.☐ Please Schedule: \_\_\_\_\_

3. MEDICATIONS:

NAME	DOSAGE	TIMES	SPECIAL INSTRUCTIONS
Cephadrine 500 mg 3 times a day for 1 week			

4. DIET: ☒ Regular ☐ Other: Reg WEIGHT: \_\_\_\_\_5. TREATMENTS: ☐ No ☐ Yes-Special Instructions: \_\_\_\_\_

6. OTHER INSTRUCTIONS/INFORMATION AND/OR WRITTEN MATERIALS GIVEN: \_\_\_\_\_

7. ACTIVITY LIMITATIONS: ☐ None ☐ Yes: as tolerated8. PATIENT'S BELONGINGS: a. Meds from home: ☒ N/A ☐ Yes; returned to Pt. b. Valuables: ☒ N/A ☐ Yes; returned to Pt.

9. I HAVE READ THE ABOVE INSTRUCTIONS AND UNDERSTAND THEM.

SIGNATURE OF PATIENT OR SIGNIFICANT OTHER

RELATIONSHIP

DATE

2-23-93

-7.8200N

NE  
W.M.P. N 290.4

N 300.0 E

242.4

25°

367

20

1323.63

N 1001' W

95°

10+160

-7.5250N

571

N 89001' W

1000

cuttie N 69 1/2° W 176°  
116.16 ft

Barook 6

NE

1323.63

14

1/4

2647.2

NE

2700.66

-7.001N

58

Thursday Jan 1952

Warm day start car get \$2.00 gas  
Next pays store \$25.00 gives me 3.00  
at noon Don-Ed + I drive to  
Potters place on Faherty Lake  
In car + walk around lake  
to hub 364.70 W of SE cor Sec  
26 on South line of said sec 26  
Snow deeps hard going Don  
goes ahead bracks trail Ed follows  
Town hub 364.70 in center of  
old road I site S 89° 01' E at flag  
on Sec. cor. Don has to chop the car  
out of the ice to hold flag on center  
of T.M.

NW cor of Swp. bears N 41° 41' E  
220 ft. to lake

Lake 260 N 8° 30' W Lake shore  
150 N 7° W by of ramp around lake

160 N 50° W to NE cor of ramp  
West  $364.7 + 100 + 25 = \text{ramp}$   
 $364.7 + 100 + 100 + 100 = 664.7 + 200 =$   
864.7 p.m.

Friday Jan 1962

Don + I Lu Walker @ 930 drive  
to Patters on created Lake Lu Car  
walk across Faherty Lake and  
Tower hub 983.5 w continue  
South Line of Sec. 26-14-31 West  
 $864.7 + 118.8 = 983.5$  hub 60° spike  
on top of ridge - 20ft wide and about 4 ft high  
 $983.5 - 35 = 948.5$  hu swp. fold ridge  
 $983.5 + 100 = 1083.5$  Top of ridge 4 ft S on L  
 $+ 100 = 1183.5$  Top of ridge 10 ft S  
West end of swp. point 20 ft S  
 $+ 39.6 = 1223.1$  hub 60° spike 5 ft S  
of S edge of by around Lake  
 $+ 100 + 35$

Turn E 1/4 Cor bet 26-32  
at Lake shore

N 43° E 225

N 16° W 150

N 48° W 125

S 8° 30' E 50

Ties

Pop 12 N 53° 08' E 21.5

Chn 16 S 33° 54' E 45.3

60 Highland Inn - Sitzer  
Aug 2. 1952 Continue from 46  
T over Judicial Mon @ New sta  
④ run N  $69^{\circ}14'E$  171.62 to  
Sta 11. pt for Judicial Mon.

From Sta 11 run N  $65^{\circ}E$   
to Sta 12

From Sta 11 run S  $10^{\circ}W$  90'  
set 2X 30" I.M.

Highland Inn

61

Agnes C Sitzer

Law suit

Setting Judicial Monuments

## Cass Lake

July 7-1963

Iverson of Rex-all Drug store calls me at 9 A.M. wants his lot in Cass Lake staked out. He owns Lot 1 of Blk 3 - Orig. Plat.

Ed. John & I drive to Cass Lake at NW corner the T.M. has been pulled out in fixing up the Street as we cannot find it. as we need to know where the N line of Sec. 15 is I try and locate it from Survey Made for NW Bell Telephone Co. in Aug. 1950. Which was the E 40 feet of Lots 1-2 Blk 7. We find all my iron monuments try and locate spikes we set along the E side of 2<sup>nd</sup> Ave. see pages 18 to 21 - this book.

From T.M. NW Cor Lot 7 chain N @ 70. pins + 221.9 = 591.9 from SW corner of Hotel at this point we find our old 60 ft spike 33 ft S of N line Sec. 15. as this spike is .40 to far. W we go to NW Cor IN Lot 7 and set a spike .40 W to old random.

line ran in 1950 which was  $90^{\circ}$  to  
N line Sec. 15 - as we can not run  
East from this point we set a 60%  
spike 8 feet N

Then spike 8 ft N of strut line  
Site South Turn  $90^{\circ}$  and run  
East @ 180 min - 3 ft = 50% spike 8 ft  
South of strut line @ 300 min about 1 ft  
W of W side of sidewalk South  
 $+ 53.7 = 353.7$  spike on line 8 ft N of  
strut line  $353.7 + 12.3 = 366.0$  set 60%  
spike 8 feet N of N.W. Cor lot 1 - Blk. 3  
From 366 E chain E 140 ft and  
set 60% spike 8 feet N of N.E. Cor of  
Lot 1 Blk 3 of the Orig. Plat of Cass Lake  
Then 366 E site W Turn  $90^{\circ}$  @ 8 ft S  
set spike for true NW Cor of said lot  
 $+ 25$  ft S set spike for true SW Cor of  
said lot Then 140 Turn  $90^{\circ}$  + run  
S. 8 ft set spike for true NE Cor of said  
lot  $+ 25$  ft set spike for true SE Cor  
of said lot 1 Blk 3 of Orig Plat of Cass Lake  
We take up the spike at above named  
corners and drive 2X30" Iron pipe  
for true corners

## Certificate

I the undersigned Harold Cure  
County Surveyor of Cass County  
Minnesota hereby certify that I am  
a Registered Land Surveyor in  
the State of Minnesota, that I have  
surveyed and set iron pipe monument  
at all four corners of Lot 1 Block 3  
of the orig. Plat of Cass Lake that  
said monuments are correctly  
placed where they belong.

Dated July 7-1953

Harold Cure  
Minn Reg. No 3417

## Statement

Olaf A. Iverson  
Cass Lake

July 7-53

Surveying and setting iron pipe  
monuments at the corners of Lot  
1 Blk 3 of the Orig. Plat of Cass Lake  
\$25.00

Cass

Lake

65

July 24-1953

I get a tele. call from Mrs John Flora of Cass Lake who owns Lot 12 of Auditor's Plat No 4 being a part of Sec 10-145-31 wants her 50 X 178' Lot surveyed the sooner the better.

I check with Reg. of Deeds office and copy Auditor's Plat

July 25<sup>th</sup> 1953

Ed & I drive to Cass Lake stop at Flora's res. get their deed - copy -

Deed description

Louis Coler and Della Coler husband & wife  
John E. Flora and <sup>to</sup> Margie M. Flora

Indenture made July 6<sup>th</sup> 1948

Filed July 10<sup>th</sup> 1948 in Book 98 page 598  
in office of the Reg. of Deeds, Walker Minn

That part of the SE  $\frac{1}{4}$  of SW  $\frac{1}{4}$  of Section 10 in Twp 145<sup>N</sup> Rge 31<sup>W</sup> as follows

Beginning at the SW corner of the above described forty acres, running thence East on the South line of said forty acre tract 822 ft to a point thereon which is the point of beginning

at the tract herein conveyed: thence  
 running North parallel with the East  
 line of said forty acre tract a distance  
 of 178 feet thence running West  
 parallel with the South line of said  
 forty acre tract a distance of 50 feet  
 thence running South parallel with  
 the East line of said tract a distance  
 of 178 feet thence East along the South  
 line of said tract a distance of 50 feet  
 to the place of beginning. Said Tract  
 being also known and described as  
 Lot 12 of Auditor Plat of  $SE\frac{1}{4}$  of  $SW\frac{1}{4}$   
 Section 10 - 145-31 N<sup>2</sup> 4, Cass Lake Plain

We re establish our old point  
 on the Sec. line from which we  
 chain East @ 300 p.m. 600 - 906.9  
 + .4 = set 120<sup>d</sup> apch for  $\frac{1}{16}$  Cor  
 continue E @ 831.6 hub  

$$\begin{array}{r} 822 \\ \underline{9.6} \end{array}$$

-1955-

67

Sta 1 Top of Grade

Elv  
4.2

Sta 2 pt where car was parked

Sta 3 pt where car was hit

Sta 4 Curve in highway from  
elw. Cass Lake

car went 260 after hit  
1255 ft from where car was parked  
to where car was hit  
top to car stop 6.15  
Elw

Crest of

H.I. 2.2

Road 6.4

Elv 100

2.2

1022

6.4

958 T.P.  
11.45

HI + 1.45 = 97.25

Road 13.95

68

G. Rufer att.

W. R. Watson

Jim Andall

Bill - 38<sup>00</sup>

Sec 18 - T. 143 - R. 30

Stanley

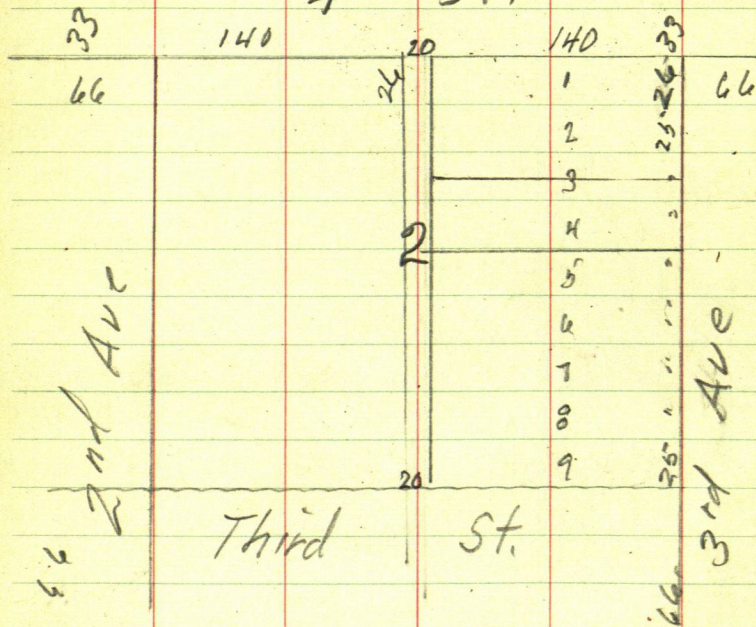
69

70

Lot 4 - S  $\frac{1}{2}$  Lot 3 Block 2  
Cass Lake Townsite

Merwin Chambers

4th St.



72

Sec 19-143-30

rough copy U.S. Resurvey

497  
~~3~~  
 46.7  
 110  
 124.7

N 88° 45' E

2600

4578

1918

1

2

3986  
 1993

N 88° 45' E

2028

50° 41' E  
 1993

3

Sec 19 143-30

8952  
~~44~~  
~~8996~~  
 9036

Fig.  
 N 89° 32' E

4

N 89° 56' E

5

South 4000

East  
 0.77

58

41705  
 41705

lot 1

Sec 30

77

76

462

462

5082

86

86

510

510

510

510

510

249.6 260 2699  
 210 269.4

14.8 139.65  
 -3 2  
 269.4

73

Tue. Aug 21-1956

I go to Court house and make  
 the rough copy of Sec 19-143-30  
 Bob-Ed + I drive to Sec 19.

at SW cor find US Brass capped  
 iron set in Re-survey Ind. Lands  
 we find no IM South 85° 11' E as shown  
 on Re-survey plat but we find IM  
 E. 50.8 ft.

Turn SW Cor Sec 19 site E on IM  
 and run N. 137.65 to hub 50° up to  
 Ties to sec 19-30-143-30  
 and 24-25-143-31

Poplar 14 N 85° 10' E 21.25 <sup>to skunk</sup>  
 W Oak 12 N 62° 24' W 7.55 <sup>to skunk</sup>  
 W Oak 6 S 61° 40' W 31.90 <sup>to mail road</sup>  
 W Oak 6 S 12° 47' E 16.80 <sup>at Box</sup>

Turn 137.65 run along E on road Vis  
 N 19° 35' E 249.4 N 25° 34' E 262.9  
 N 47° 02' E 368.8 N 12° 59' E 469.6 +  
 298.4 N 6° 02' E 266.4

Aug 22-1956

John-Ed + I to Sec 19-143-30

Turn 266.4 BS S 6° 02' W + run.  
 N 13° 36' W 281.25 - N 20° 47' W 204.6  
 N 31° 08' W 186.85 N 48° 56' W 109.8  
 N 83° 49' W 174.25 / N 70° 21' W 156.70 to  
 S 87° 36' W 150 ± IM 1/4 Cor.

74 Sat. Aug 1956

Ed - Bob & I to Sec 19-14330  
re-run & road.

Turn SW Cor sec 19 - site E  
on M.C. & run North 137.65

Turn 137.65 BS Southern Sec Cor run

N 19°34'E 249.4 N 25°32'E 262.9

N 47°0'E 368.8 N 12°57'E 469.6

N 12°57'E 298.4 N 6°01'E 266.4

N 13°37'W 281.25 N 20°47'W 204.6

N 31°10'W 186.85 N 48°57'W 109.8

N 83°50'W 174.25 N 70°23'W 156.7

S 87°30'W along &

rain

129.4 210

99.7

129.6

75

Sunday Aug

1956

209.6

Ed. Don + I to Sec 19-143-30

Tower I M M C bet 19-30 S. 7c

West on Sec cor water 35 ft East

we run stake line along bank

N 18° 27' E 97.7 to Sta 1 - 45 ft from water

N 54° 03' E 97.7 to " 2 - 40 " " "

N 41° 53' E 167.7 " " 3 - 40 " " "

N 58° 40' E 107.6 " " 4 - 35 " " "

N 32° 28' E 92.9 " " 5 - 40 " " "

N 36° 08' E 123.6 " " 6 - 45 " " "

N 39° 34' E 91.6 " " 7 - 35 " " "

N 22° 12' E 97.5 " " 8 - 35 " " "

N 31° 21' E 209.0 " " 9 - 40 " " "

N 14° 45' E 73.7 " " 10 - 40 " " "

N 4° 54' E 108.0 " " 10 - 40 " " "

N 17° 53' E 69.6 " " 12 - 50 " " "

N 14° 27' E 164.4 " " 13 - 35 " " "

N 13° 53' E 207.6 " " 13 - 40 " " "

6 ft from bank

10.00

Mon. Aug - 1956

Don Ed + I to Sec. 19 continue

shoreline along bank

N 3° 35' E 127.35 - 50 to Water

N 20° 31' E 121.85 - 25 " "

76

150.2

219.8

N 4° 41' W	84.65	Sta 16	35 - water
N 7° 54' W	74.80	Sta 17	55 "
N 24° 07' E	61.8	" 18	- 30 - "
N 8° 52' W	120.45	" 19	- 35 "
N 12° 52' W	143.2	= 20	- 40
N 15° 54' W	69.2	= 21	- 35 "
N 7° 04' W	111.65	" 22	1-0 40 to water
N 38° 48' W	44.75	- 23	- 50 " "
N 7° 35' W	213.8	- 24	45 " "

<sup>534 542 3 4</sup>  
<sup>2 2 2 2</sup>  
 0379378  
 13745 -  
 1896890  
 2276268  
 2655646  
 1138134<sup>2</sup>  
 379378  
 5.222130  
 0170

<sup>3</sup>  
<sup>3 4 2 5 4 3</sup>  
<sup>2 2 2 2</sup>  
 0379378  
 13745 -  
 1896890  
 2276268  
 2655646  
 1138134<sup>2</sup>  
 379378  
 5.222130  
 0170

150 -  
 300 -  
 450 -  
 600 -  
 750 -  
 900 -

1050 -  
 1200 -  
 1350 -

Figuring road from SW Cor sec 19

course	dist.	sine	cosine	dist North	dist East	dist West
North	137.65	—	—	137.65	0	0
N19°34'E	249.4	33490 <sup>3</sup>	942252	235.00	83.52	
N25°32'E	262.90	431036	902395	237.22	113.32	
N47°00'E	368.8	731354	681998	251.52	269.72	
N12°57'E	768.0	224101	974566	749.47	172.11	
N6°01'E	266.4	104818	994491	264.93	27.92	
N13°37'W	281.25	235425	971893	273.24	66.59	66.21
N20°47'W	204.60	354835	934929	191.29		72.60
N31°10'W	181.85	517529	855665	159.88		96.70
N48°57'W	109.8	754137	656717	72.11		94.11
N83°50'W	174.25	994214	107421	18.72		82.80
N70°23'W	156.7	941960	335726	52.61		173.24
				2638.46		147.61
				2642.74		632.57
						63916

666.59 E

— 632.57

$$34.02 E \div 2638.46 = 0.128938 = 0^{\circ}44'$$

0°44'

S/L 1 - 137.65 No/ Sec. Cor goes

E 1.77 to true line

1.43

666.59

— 63916

$$27.43 \div 2642.74 = 0.10379378 = 0^{\circ}35\frac{3}{4}'$$

78

Fig Shore Line from SW Cor. 19

Course MC

Courses	dist	sine	Cosine	dist North	dist East	dist West
East	50.80	—	—	0	50.8	0
N 18° 27' E	97.7	316477	948600	92.68	30.92	
N 54° 03' E	97.7	809530	587079	57.36	79.09	
N 41° 53' E	167.7	667616	744506	124.85	111.96	
N 58° 46' E	107.6	854156	520016	55.95	91.91	
N 32° 28' E	92.9	536809	843704	78.38	49.87	✓
N 36° 08' E	123.6	589666	807647	99.83	72.88	✓
N 39° 34' E	91.6	636976	770884	70.61	58.35	✓
N 22° 12' E	97.5	377841	925871	90.27	36.84	
N 31° 21' E	209.0	320265	854005	178.49	108.74	✓
N 14° 45' E	73.7	254602	967046	71.27	18.76	
N 4° 54' E	108.0	085417	996345	107.61	9.23	
N 17° 55' E	69.6	307633	951505	66.22	21.41	✓
N 14° 27' E	164.4	249535	968366	159.20	41.02	
N 13° 53' E	207.6	239946	970786	201.54	49.81	✓
N 3° 35' E	127.35	062500	998045	127.10	7.96	
N 20° 31' E	121.85	350480	936570	114.12	42.71	
N 4° 41' W	84.65	081649	996661	84.37		6.91
N 7° 54' W	74.8	137445	990509	74.09		10.28
N 24° 07' E	61.8	408596	912715	56.41	25.25	
N 8° 52' W	120.45	154136	988050	119.01		18.57
N 12° 52' W	143.2	222683	974891	139.60	778.92	31.89
N 13° 34' W	69.2	273959	961741	66.55		18.96
N 7° 44' W	116.65	123024	992404	110.80		13.74
N 38° 48' W	44.75	626604	779338	34.88		28.04
N 7° 55' W	213.8	137733	990469	211.76		29.45

North	East	West
2592.95	- 778.92	- 157.84
<u>24 16</u>	- 15784	
2647.11	<u>62108</u>	

North line should run  $N 88^{\circ} 43' E$   
 sine  $999762 \times 621.08 = 620.93$   
 cosine  $021815 \times 621.08 = 13.55 - N$   
 Tang.  $021820$

M. Con. E + W & Sec 19 should be  
 $13.55 N$  and  $620.93 E$  of  $\frac{1}{4}$  cor W side

The  $\frac{1}{4}$  is  $2638.46 N$  of SW cor. sec 19  
 our hub on bank by lake is  $2592.95$   
 $N$  and  $621.08 E$  of  $\frac{1}{4}$  and should  
 go N. to  $2638.46 + 13.55 = 2652.01$   
 $2652.01 - 2592.95 = 59.06$  North to  
 go

80

Sta 11 Friday Aug 31-1956

Don - Ed - John and I to See  
19-143-30Tower  $\frac{1}{4}$  I.M. W. side run 19  
Site S  $70^{\circ}23'E$  on Sta. in  $\&$   
and run  $N89^{\circ}52'E$ There are 10 Sta in  $\&$  road  
Tower Sta 8 site on Sta 7 Turn  
R.  $81^{\circ}06\frac{1}{2}'$  chain 33.40Tower Sta 7 site on Sta 6 turn R  
 $84^{\circ}48\frac{1}{2}'$  - 33.14Tower Sta 6 site on Sta 5 turn R  
 $86^{\circ}25'$  chain 33.06From  $\frac{1}{4}$  chain  $N89^{\circ}52'E$  @ 329.4  
pt for NW cor of lot + 145.7 hub  
+ 234.1 to pt for I.M. on bank,Tower Last Sta on bank B.S.S  $70^{\circ}55'E$   
run  $N20^{\circ}14'W$  54.2 $70^{\circ}55'E$ 

145.7

 $N20^{\circ}14'W$  54.2

234.1

379.8

Sine  $0.38969 \times 54.2 > 2.11$  WCosine  $999240 \times 54.2 = 54.16$ 

2640.11

Wed Sept 12-1956

Lr Walker at 9 o'clock drive to  
 Sec. 19-143-30 - Kenny Barnett  
 Tower I M MC bet Sec. 19-30  
 Site Won I M. Turn R.  $108^{\circ}27'$   
 97.7 ft Sta 1

Tower 1 site on I M MC Turn L  $144^{\circ}26' - 97.7$   
 Sta 2. run  $N54^{\circ}02'E$  97.7

run  $N41^{\circ}52'E$  167.7 Sta 3

"  $N58^{\circ}38'E$  107.6 " 4

"  $N32^{\circ}24'E$  92.9 " 5 ✓

$N36^{\circ}06'E$  123.6 " 6

$N39^{\circ}29'E$  96.6 " 7

$N22^{\circ}09'E$  97.5

$N31^{\circ}16'E$  209.0

$N14^{\circ}41'E$  73.7

$N4^{\circ}48'E$  108.0

$N17^{\circ}48'E$  69.6

$N14^{\circ}19'E$  164.4

$N13^{\circ}47'E$  207.6

$N3^{\circ}31'E$  127.35 L

$N20^{\circ}25'E$  121.85

$N4^{\circ}46'W$  84.65 L

$N7^{\circ}59'W$  74.8

$N24^{\circ}04'E$  61.8

$N8^{\circ}55'W$  120.45 L

82

Fri Sept 14-1954

N 12° 58' W	143.2
N 16° 00' W	69.2
N 7° 08' W	111.65
N 38° 53' W	44.75
N 8° 00' W	213.8
N 2° 20' W	54.2
N 89° 51' W along E & W E	

Chain Lettins 181.8.

" " " 217.6

Kenney Bennett

Tues Sept-18-1956

Kenneth Bennett & I to Walker  
arrive at Sec. 19. @ 11-30  
unback lines

Sept 19- Ed & I Sec. 19. - 143-30  
set spikes at lat cor along road.

Sept 2? Wed

Don & I to Sec 19

Sept 2 Thur

Don - Ken & I to Sec 19

Le Walker. @ 920

arrive at Sec. 19 - 10-45

Tower  $\frac{1}{4}$  W side Sec 19 sit.  
 S  $70^{\circ}23'E$  on sta hub and  
 chise E & W  $\frac{1}{4}$  Sec 19  
 N  $89^{\circ}52'E$

Tris to  $\frac{1}{4}$

Birch 16	S $87^{\circ}22'E$	20.48	quit at base
Maple 9	N $51^{\circ}53'E$	19.75	
Maple 11	N $36^{\circ}04'W$	15.92	
Maple 5	S $29^{\circ}03'W$	8.80	

Tower Lot Cor NW cor Lot 1 on E & W  
 $\frac{1}{4}$  run S  $0^{\circ}06'E$

43.66 from NW cor road to NW cor  
 Lot 1. - 81.1 N of Lost A P of Plot

Lots 6 and 7 are to be changed  
 to 100 ft each at lake end of lots

There is to be a 20 ft street  
 to the lake located just southerly  
 of the southerly line of Lot 27

# CHIPPEWA BEACH

85

Stanley A Peterson

Geraldine E Peterson wife  
+

Lorenz H Rickert

Lorrayne K Rickert wife

## Cass Lake

Feb. 28-1957 I get a telephone call from Martha Beaulieu Cass Lake wanting to know the cost of surveying out her lots in Cass Lake. I ask which lots and what Block. She does not know. I tell her to find out and write me.

March 1st 1957

get a letter from Mrs Martha Beaulieu.

Letter Feb 28.

Dear Sir

It's been wanting to write to you for a long long time but I could not get your name. I never thought of calling before so I am so happy that you're coming. I want to know right away how much you will charge me for the work. maybe you can call by phone as soon as you get this because I get my check March 2, that is Sat. so I'll know how much to save for you. I'll send you the deed so you can read it yourself. I might not send the right things you're asking for. then you can bring

it back when you come I'll pay for the  
call on my phone 53¢.

Martha Beaulieu

Deed.

Mary B. Carlson and Mark Carlson  
husband & wife of Cass County, Minn.  
To

Ronald Beaulieu

Lots 4-5-6 Block 26 Orig.

Plat of Cass Lake

March 1<sup>st</sup> - 1957

Hert & I drive to Cass Lake  
find the place. Martha Beaulieu  
is cripple in wheel chair  
I tell her that it will cost her \$50.00  
to have her lots staked out  
She says go ahead she will get  
the money.

Check old Notes this book page  
3 to 5- Wheeler post Co.?

from W  $\frac{1}{4}$  cor 4320 ft E of Sec Cor.  
which is center of Man hole I run  
W 198.15 ft run South  $0^{\circ}04'W$

@ 942 hub @ 1844.6 hub From 1844.6  
chain  $N0^{\circ}04'E$  10.6 ft to 1834. secondary  
to Plat of Cass Lake

88

From 1834.0 run E 25.25' to NW cor  
B/k 20 @ 323.15' NE cor B/k 20

from 23:25' E run S. 125'

" 323.15' E " S 125'

set I Mat the 4 corners.

1752

Govt Lot 3 Sec. 9 - 143-30 89

June 26-1958

Go to court house copy re-survey plot of sec. 9. - 143-30 drive home just had a tele call which called the house they were told to call office. I call to find out who was calling. Pete Rash called to tell me he is at Pine Point I tell him I was just leaving for Pine Point. We drive to Pine Point where Ed + I meet Rash we Lv. in his boat for Hardwood point waves high we get a little wet on trip across Leech Lake Land at Hardwood Point 11-30 - We go E and look for I.M. we find U.S. Brass Capped I.M. at MC. on N+S  $\frac{1}{4}$  also at the MC on N  $\frac{1}{4}$  line and one at intersection of N+S  $\frac{1}{4}$  with N  $\frac{1}{4}$  line

Tower  $\frac{1}{4}$  Center N  $\frac{1}{2}$  sec. 9 sits South on I.M. MC. and run  $S 88^{\circ} 51' W$  our line hits US Brass Capped Mon. near pt where Re-survey plot shows IM 165 ft W of  $\frac{1}{4}$  - continue West do not chain this line now the Re-survey plot shows IM at 1321.32 = Next IM, if in

We offset 1 foot 3 to get by big trees.  
 Then offset back N. to line @  
 1321.32  $\pm$  we have not chained  
 our line we find US brass capped  
 iron. a tree has fallen on it  
 and pushed it over to the South  
 straighten it up. our line runs  
 about  $1\frac{1}{2}$  ft. N of this T.M. Ed  
 takes flag goes around ramp to  
 seawall Pete & I cut out line  
 we hit a big 2 foot tree in center  
 we can not put Ed on line. C.d  
 looks for T.M. MC but fails to  
 find anything. as it is late  
 Ed goes back to boat along shore  
 Pete & I go south to shore  
 home in boat.

June 27-1958

Ed + I drive to Pine Point Resort  
where we find Pete waiting for us  
We cross lake in Pete's boat.

Town IM MC on N+S & see 9-14330  
into North 40.90 on  $\frac{1}{4}$  cor. IM MC  
on N  $\frac{1}{4}$  line bears, N  $58^{\circ}34'E$  81.3,  
N+S & IM MC under this is about 50' from water  
From MC on N  $\frac{1}{4}$  line is about 50' of water  
+ 75' of water

we run shore line on top of bank  
viz! Town IM MC on N+S & site N on  
 $\frac{1}{4}$  IM, run.

Note short backsite!

Sta 1 = 170-6 = 1/4 bears S  $57^{\circ}42'W$

Town Sta 1 w 30 L brink 2-S.

BSN  $57^{\circ}42'E$  run

S  $60^{\circ}51'W$  171.95 to Sta 2

Town Sta 2 BSN  $60^{\circ}51'E$  run + 25' water

S  $57^{\circ}03'W$  @ 60 brink 10 S @ 136. Sta 3

Town Sta 3 - brink 4-S water 60 S, BSN  $57^{\circ}03'E$  run

S  $55^{\circ}11'W$  245 to Sta 4

Town Sta 4 = Brink 7 S + 50 to w. BSN  $55^{\circ}11'E$  run

S  $50^{\circ}37'W$  178 @ 25 brink 12 S + 50 = W

25 + 45 brink 7 + 50 water

Tower No 5. - brink 3-5 + 40 w.

BS N  $50^{\circ}37'E$  run

S  $50^{\circ}54'W$  175 - sta 6

@ 15-25 edge of brink @ 45 Brink 10 S  
W 30. @ 130 edge of brink W. 50 @ 160 Brink 6

Tower Sta 6. - Brink 2-S W 50

BS N  $50^{\circ}54'E$  run

S  $58^{\circ}19'W$  215 - sta 7

brink 2 ft S. W 40.

Tower No 7 BS N  $58^{\circ}19'E$  run

S  $71^{\circ}00'W$  289 - sta 8

@ 100 Brink 12-S waly 50

@ 150 - " 25 " + 40

@ 180 " 18 " + 50

@ 220 " 15 " + 50

Tower No 8. Brink 2 - waly 50

BS N  $71^{\circ}00'E$  run

N  $86^{\circ}27'W$  104. to sta 9

@ 50 brink 10 ft S W 50

Tower No 9 Brink 3 ft W 50

BS S  $86^{\circ}27'W$  run

N  $57^{\circ}43'W$  202 to sta 10

@ 100 brink 3 ft W 50

@ 120 brink 10 - W 50

@ 150 brink flattens out small 20 L  
+ 20 W

Tower Sta 10 seawall 15' W 20

BS S  $57^{\circ}43'$  E run

N  $31^{\circ}15'$  W 236 to Sta 11

170 - seawall 10 Water 25'

at 170 end of ramp 15' N about 15' wide

280 seawall 25' + 15' W

190 to 210 ramp N 5' ft - 30' ft wide

Tower Sta. 11 on seawall - W 15' L Sup 15' R 25' R

BS S  $31^{\circ}15'$  E run

N  $5^{\circ}01'$  E 100' Sta 12

@ 40 Loke 30 L SW 25' R - 25' over

Tower Sta 12 W. 306 ramp 35' R 410 over ramp

BS S  $5^{\circ}01'$  W run

N  $11^{\circ}49'$  W 252 W Sta 13

Tower 13 BS S  $11^{\circ}49'$  E Water 210' seawall 27' R

run N  $28^{\circ}17'$  W 170 - W 27 L seawall

415 R ramp 45' R

94

Night at Office Sig.  
from M.C. W. side Lot 3  
run N  $88^{\circ}51'E$  1848'

$$\text{Sine } 999799 \times 1848 = 1847.63 \text{ E}$$

$$\text{Cosine } 020070 \times 1848 = 37.09 \text{ N}$$

South  $40.92'$

S  $57^{\circ}42'W$  164

$$\text{Sine } 845262 \times 164 = 138.62 \text{ W} = 1$$

$$\text{Cosine } 534352 \times 164 = 87.63 \text{ S}$$

S  $60^{\circ}51'W$  171.95

$$\text{Sine } 873347 \times 172 = 150.22 \text{ W}$$

$$\text{Cosine } 487098 \times 172 = 83.78 \text{ S}$$

S  $57^{\circ}03'W$  136

$$\text{Sine } 839146 \times 136 = 114.12 \text{ W}$$

$$\text{Cosine } 543907 \times 136 = 73.97 \text{ S}$$

S  $55^{\circ}11'W$  245

$$\text{Sine } 826983 \times 245 = 201.14 \text{ W}$$

$$\text{Cosine } 570952 \times 245 = 139.88 \text{ S}$$

S  $50^{\circ}37'W$  178

$$\text{Sine } 772918 \times 178 = 137.58 \text{ W}$$

$$\text{Cosine } 634506 \times 178 = 112.94 \text{ S}$$

S50°54'W 175'

$$\text{Sine } 776046 \times 175' = 135.81 \text{ W}$$

$$\text{Cosine } 630674 \times 175' = 110.375$$

S58°19'W 215'

$$\text{Sine } 850964 \times 215' = 182.96 \text{ W}$$

$$\text{Cosine } 525224 \times 215' = 112.925$$

S71°W 289'

$$\text{Sine } 945519 \times 289' = 273.25'$$

$$\text{Cosine } 326568 \times 289' = 94.09$$

N86°27'W 104'

$$\text{Sine } 998081 \times 104' = 103.80$$

$$\text{Cosine } 061920 \times 104' = 6.44$$

N57°43'W 202'

$$\text{Sine } 845417 \times 202' = 170.77$$

$$\text{Cosine } 534106 \times 202' = 107.89$$

N31°15'W 236'

$$\text{Sine } 518773 \times 236' = 122.43$$

$$\text{Cosine } 854912 \times 236' = 201.76$$

96

N 5° 01' E 100

$$\text{Sine } 087446 \times 100 = 8.74$$

$$\text{Cosine } 996169 \times 100 = 99.62$$

N 11° 49' W 152

$$\text{Sine } 204781 \times 152 = (31.13) \times 252 = 57.60$$

$$\text{Cosine } 978808 \times 152 = (148.78) \times 252 = 246.66$$

N 28° 17' W 170

$$\text{Sine } 473832 \times 170 = 80.55$$

$$\text{Cosine } 880615 \times 170 = 149.70$$

MC Corner should be 6.48 W + 7.34 N of  
Sta 14.

June 28-1958

Ed + I To Pine Point where  
we meet Pete who take us across  
Lake to Hardwood Point Lot 3-Sec 9  
143-30 - Ed + I go West along  
shore of Leech Lake to Sta 14 set  
yesterday and look for US MC Do Not  
find any

Tower Sta 14 B S S  $28^{\circ}17'E$  on Sta 13 +  
run  $N 84^{\circ}25'E$  40 ft set spike hub  
Tower 40 take rough strata of swp.  
South 25 ft

S  $33^{\circ}30'E$  125 ±

S  $34^{\circ}30'E$  400

S  $54^{\circ}30'E$  360

S  $55^{\circ} E$  320

S  $67^{\circ}30'E$  270

N  $77^{\circ}30'E$  310

N  $87^{\circ}00'E$  280 run run random line

We go to Sta 8 + run  $N 71^{\circ}E$  125 ft

Tower 125 run North

Fig.

Sta 8 is E 513.93 - 5819.45

run N 71° E 125

Sine 946379 X 125 = 118.19 E

Cosine 925568 X 125 = 40.70 N

513.93

118.19

395.74

Sta 8 is W 1333.70

line is

$$\frac{118.19 \text{ E of sta 8 on}}{1215.51 \text{ W of } \Phi$$

N line runs S 88° 51' W

Sine

Cosine 999799 into 1215.51 = 1215.75

or 105.57 E of W  $\frac{1}{16}$  on N  $\frac{1}{16}$  line. Rec. 9beg at IM  $\frac{1}{16}$  N of MC on N & S E  
chain W 1215.75 at IP

beg at IM chain west @ 165 AS IM ±

@ 300 pins + 4.10 = 295.9 hnt 60<sup>th</sup> ap<sup>th</sup>

300 + 300 = 600 pins + 98.4 = 698.4 hnt

@ 700 pins + 100 = 800 pins + 100 = 900 + 91.1 =

991.1 hnt @ 1000 pins + 100 = 1100 pins + 115.75

1215.75 at IM

209.7

132132

99

© 1320.3 IMA US Brass Cap

+ 209.7

1529.3 sup

- 280

18.09.3 to right but W side sweep 5 ft  
W of W. side

40

1849.3 = sta 14 on shore line

1848.00 US chain

100 Don Bob & I Nov 18/1967

## Stony Point Harbor

Corner SE cor Tract 10 of  
Chippewa Nat. Forest lots in  
Gov't lot 4 sec. 10-14 2-30

distant to SW cor is 100 ft + 10" of  
site N49°W on said SW cor center  
line E to water 78.4 to spot on bank +  
15 to water

run S 21°29'W 40.70 to NW cor of  
harbor

Corner spike NW cor Harbor  
spike in 12" white Oak bears  
N 25°W. 18.9 ft

St. Nat NW Cor run S 64°40'W 70.9  
" " NW Cor run S 64°13'E 67.9  
spike on bank + water 20  
Note water 6 W + 25 S

Corner 70.9 BS N 64°40'E run  
N 54°W 36' E road  
run S 27°20'W 63.9 SW cor Harbor  
E road 40 ft N 54°30'W

Corner 63.9 BS N 27°20'E run  
S 23°12'E 30.3  
55

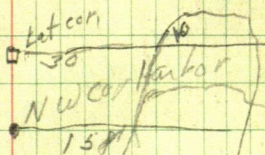
Traverse 30.3 run  $55^{\circ}30'E$  @ 21 top of seawall  
at 30 water

run  $N 82^{\circ}28'E$  64.0

Traverse 64.0 run  $S 20^{\circ}55'W$  18 to  $\Phi$  seawall  
3.6 to water  $S \Phi$  big Rock 8 ft high 20 long 20 wide  
 $S 20^{\circ}E$  27 to water

run  $N 37^{\circ}24'E$  to N line of Harbor  
6 ft W of spike

Drafting Mich shows 42.25



Take Elevations

3.28 HI = 103.28

ice Lake 7.52

seawall 635

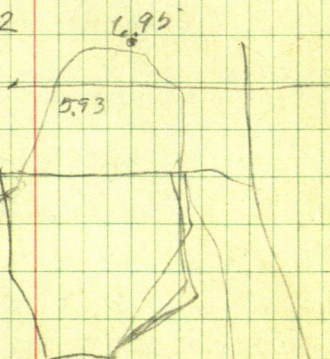
679

692

75

675

665



102

Nov 19 1959

Ed. Don + I to Stony Point

Elev.

ASCH HI road,

100 101.8 285 1.5 ft S

365 at NW corner Harbor

485 15 E of Cor.

460 20 E " "

49 + 15 " "

47 + 15 " "

46 + 15

5.5 on ice " " "

435 25 ft S on small

43 2.5 ft W

485 15 " W

59 15 " W

57 15 W

3.8

425 25 ft S

4.1 at AP of harbor

3.1

2.4 2 R at AP

2.4 1 " " "

4.2 1/2 way bet 2 & AP  
of harbor

4.5 AP Harbor

4.35 - 15 ft E of AP S. line of harbor  
4.05 at AP

2.4 top of naval

3. Navy camp seawall

4.85 edged up on harbor line

4.5 on naval by L.P. Harbor

4. ft at AP

4.9 - 25 ft W of AP

5.45 on ice - 15 ft S of Big Rock

3.8 on naval.  $\frac{1}{2}$  bit at edge of that  
L.P. of Harbor

5.1 of T.

Tower AP BS N 64°40'E run

N 51°25'W 38.2 Tower 38.2

HI 104.65 run

Elv. 5.2 - 180 ft S 33°28'E = E W

PC 131401 stake line S 25°42'E <sup>182</sup> 82

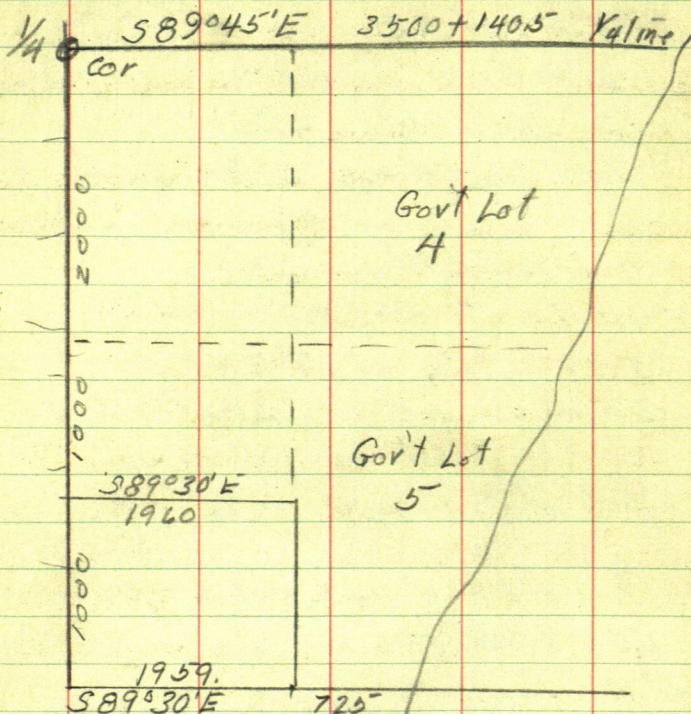
Elv. 4.55 - 20 ft water

Elv. 7.05 - 120 ft S 21°07'E

" 7.12 82 ft S 13°30'E

104

Sec. 10-142-30



Law Suit  
Squaw Point Road

105

Accident

Sat Feb 20<sup>th</sup> 1960 Gertrude & I go to Bill  
Dahlum's Steak House. at about 3 o'clock  
Richard E. Johnson.

The National Building 529 Second Ave South

Representing Minneapolis 2 Minn.

The Ohio Casualty Insurance Co.

The Ohio Insurance Co.

Phone

Federal 9-3073

West American Insurance Co.

stops on his way to Bemidji

Sometime ago maybe last summer there was  
a car accident on the Squaw Point Road  
he wants a map showing the Road's  
grade & width of traveled portion of said  
roads. (Squaw Point road where Turp road  
is intersects same. Said Turp Road goes  
into PLA-MOR Resort on Crooked Lake

SCALE 1 inch = 10 ft

he gives me his card and also 4  
pictures he took of the roads. I take my  
Truck and go along with him to look over  
the road. I go back to Walker Johnson goes  
on to Bemidji I tell Johnson I will  
get this the first warm day as they  
want this map as soon as they  
can get it

Monday Feb 22<sup>nd</sup> 1960

Ed. John & I drive to Squaw Point Road

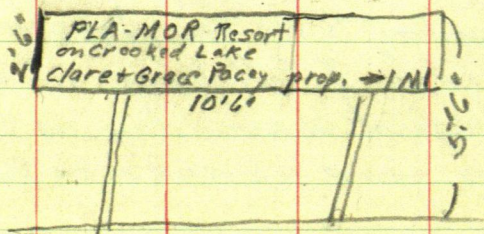
We intersect  $\Phi$  of both roads  
from said intersection we chain  
South along Turp road and mark  
 $\Phi$  every 10 ft for 200 ft

We chain NW and SE from said  
intersection along Squaw Point Road  
200 ft each way from said intersection  
marking  $\Phi$  every 10 ft.

Over said intersection  
The Turp road runs South and  
Squaw Point road runs  $S 49^{\circ} 11' E$  &  
 $N 49^{\circ} 11' W$ .

Course taken from needle  
South along  $\Phi$  Turp road from which  
courses to Squaw Point Road  
read from plate of  $\Phi$

from intersection of  $\Phi$  of both  
road. Sign post, bear  
 $S 12^{\circ} 04' E$  50.5 ft &  $S 20^{\circ} 37' E$  42.9 ft





108

Elev

200 ft N 49° 11' W of intersection of  $\frac{1}{2}$  of roads  
called 100 Rod. Reads 108.17 ~ H.I.

at 100 ft N 49° 11' W of intersection of  $\frac{1}{2}$  of roads  
Elev 101.53 Rod. reads 6.64

at intersection

103.34 Rod. reads. 4.83

at 100 ft S 49° 11' W of intersection of  $\frac{1}{2}$  of roads  
105.09 Rod reads 3.08

at 200 ft S 49° 11' W of intersection of  $\frac{1}{2}$  of roads  
106.87 rods read 130

Trp Road S of intersection of  $\frac{1}{2}$

at 10 ft S Rod reads 4.8 Elev 103.37

at 20 ft S. Rod reads 5.3 " 102.87

at 30 " " " " 5.53 " 102.62

" 40 " S " " 5.75 " 102.42

" 50 " " " " 5.90 " 102.27

" 100 " S " " 6.60 " 101.57

" 140 " " " " 6.65 " 101.52

" 200 " " " " 6.35 " 101.82

Feb. 23rd 1960

I go to Office to work on this map & check figures

John Marton steps in & I take him home to dinner with me & Back to Office John stays a while so do not get much done. at 4 O'clock Ed comes and I let him take the Truck as Don has taken the car and gone some place & Mary wants to do some shopping.

Sec 18 T 143 R 30

111

Stanley Peterson

Nov 24 - get a call from Stanley Peterson he wants the N+S & Sec 18 143-30 ran out this line hits Leech Lake before it get to center of Sec. 18. I tell him that I would have to establish the N line of sec 18 from MC on lake to said  $\frac{1}{4}$  bet sec 7-18 as I have no cor Stanley takes me to Sec 18 in his pickup, he shows me the US Brass Capped IM set for MC bet. Sec. 7-18 - 143-30 we pass W and find the  $\frac{1}{4}$  cor being a US Brass Capped I M. we start for home stop and look for a cor where N+S & hits Leech Lake no cor found Carl Steadland in Auditor Office told Stanley that the Govt. did not set any cor here back to Walker I tell Stanley I will run his line for \$100.00 starting to-morrow as I have to check Govt Re-survey Plat at Court House.

Sak

Sat Nov 25<sup>th</sup> 1961

foggy hard to see. Last night I sent my Nov 1st payment on my Pickup 4X4 - One more payment to make on said Pickup which is in the Ford Garage at Bemidji getting fix and am waiting for a New 1962 4X4- $\frac{3}{4}$  ton Pickup

Herb Bob + I go to Sabinis where I buy a old car. for \$65; to get eng. for Bobs car. we pay \$50 for eng. owe 15 for body,

I check US Re-survey plat Notes and John - Bob + I drive to MC NE corner, 18-143-30 set flag walk West set part way leave T walk West to  $\frac{1}{4}$  bet Sec. 7-18. foggy as hell can not see for start pick line E rough as this line is going to be off a lot I think and dont want to have to re-cut line we get T and use this line running East setting spike hubs

Seg at  $\frac{1}{4}$  chain E @ 1.2 4.3 hub

124.30	355.05
+ 230.75	+ 302.65
<hr/> 355.05 hub	<hr/> 657.70 hub

160  
15965  
309.65

130.3

279.4

146.1

113

657.70 hnt

+ 272.4

930.1 hnt

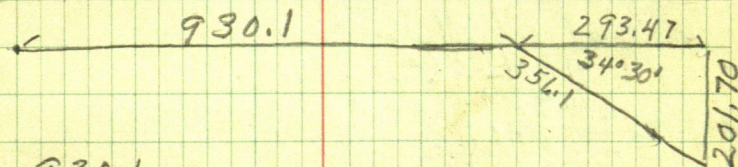
Turn 930.1 BS on  $\frac{1}{4}$  Van. at  $0^\circ$

Turn R.  $34^\circ 30'$  -  $210 + 146.1$  to IMME

Sine  $566406 \times 356.1 = 201.70$

Cosine  $824126 \times 356.1 = 293.47$

146.1



930.1  
293.47  
1223.57

.1648455  
201.70.0  
122357  
793430  
734142  
592880  
489428  
1034520  
978856  
556640  
489428  
472120  
611785  
603350

Corrections .1648453 S for  
 each foot East  
 hub 124.3 E goes S 20.49  
 " 355.85 E " S  
 " 657.70 E " S  
 " 930.10 E " S  
 1223.57 E " S

$$\begin{array}{r}
 \begin{array}{ccccccc}
 & & 3 & & 1 & & \\
 & 1 & 2 & 1 & 2 & & \\
 \cdot & 1 & 6 & 4 & 8 & 4 & 5 & 3 & - \\
 & & & & & 1 & 2 & 4 & 3 \\
 \hline
 & & & & & 4 & 9 & 4 & 5 & 3 & 6 & 6 & - \\
 & & & & & 4 & 5 & 9 & 3 & 8 & 2 & 0 & / & 5 \\
 & & & & & 3 & 2 & 9 & 6 & 9 & 1 & 0 & 4 & / & 5 \\
 & & & & & 1 & 6 & 4 & 8 & 4 & 5 & 3 & 6 & - \\
 \hline
 & & & & & 2 & 0 & 4 & 9 & 0 & 2 & 9 & =
 \end{array}
 \end{array}$$

50024121 3982  
 1601  
 N 8° 15' E 3958  
 1601



116

Stanley Peterson

Nov 28-1961

John - Bob + I to Sec 18-143-30

We correct hub 124.3 on N  
line Sec. 18.Tower #4 bet Sec 7-18 Site  
N  $89^{\circ}12'E$  on corrected N line  
and run S  $0^{\circ}9\frac{1}{2}'W$ 

@ 220 pmi + 299. = 519. pmi +

23.25 = 542.25 hub + 260

+ 15.8 hub @ 800 ft road

= 818.05 hub

+ 175

993 = ft high line cutting

818.05

390.1

1208.15 hub

542.25-

260

802.25-

13.8

816.05-

117

Dec. 1st 1961

Bob still working on his car

John + I to Sec. 18-143-30

Tower hut 1208.15 continue N + S  
 & Sec. 18 South but big 22" Poplar  
 offset E 0.40 to get around same  
 + 73.8 = & big Poplar

1208.15-

788

1286.95 hut offset back on line

179.85

1466.80 hut offset back on line

Dec 2nd 1961

John + I to Sec. 18-143-30

from hut 1466.8 S. chain S.

500.2

1967.0 hut.

220.0

2187.0 pin + 25 enter sup

205

+ 140 Lv. enter low ridge

2392.0 hut on ridge

+ 130 + 40 enter sup

2522.0

I AM on seawall <sup>15' sd</sup> not

Water 55 ft S +

Stanley Peterson

May 7<sup>th</sup> 1962 - (Snowing)

John + I to Sec 18 - 143-30

Where we meet Stanley Peterson

who shows us where he wants  
lines to run. S of where he is  
going to make a boat harbor

as it is snowing with a cold

East wind - We find the S line  
of Tract for Harbor Low and wet  
as we do not have our rubbers with  
us we go back to Walker for themWe run a line from point Stanley  
Peterson shows us on shore of Beech  
Lake Nwterly to intersect with the  
West line of Hor't Lot 6We make a string intersection of  
said lines

Over said intersection put  
the SE angle reader,  $42^{\circ}23'$   
from Hub 1967.0 on N + S of Sec. 18  
chain S 95.45 ft to intersection  
hub just set from intersection hub  
chain S E @ 126.80 hub + 154.5 hub  
+ 88.10 hub + 5 ft top of usual + 200  
water

126.8
154.5
88.10
<hr/> 369.4

Tower 88.5 site NW along S line of  
Harbor tract Turn R.  $104^{\circ}08'$  and run  
along shore line just inside of seawall  
about 15 ft from water a distance of 100 ft

Tower 100 BS on hut 88.5 Vir at  $00^{\circ}$

Turn R  $9^{\circ}10' - 75$  ft

Tower 75 BS on 100 base at 00 turn L  $19^{\circ}17'$

32.5 ft

120

$$\begin{array}{r} 210.1 \quad 270 \\ \underline{72} \\ 562.8 \end{array}$$

199.5-

May 8<sup>th</sup> 1962

State boys come to my house  
for information on corners  
in sec 27-140-29 - I go with  
them to the office find nothing  
to help them

John & I Le Walker at 10 o'clock  
for Squaw point to run N line  
of the 500 foot strip from pt on  
shore we set this spike 5 ft W  
as it is ~~too~~ close to Lake  
we intersect this N. line of the 500  
foot tract with the W line Lot 6 - N 6 S  
E 2.90 ft N of Hub. 1466.80 S

Never said intersection point  
Site S the Var. on 00 the SE angle  
of these line is  $47^{\circ}53'$   
from intersection point chain S Eely  
along N line of 500 foot tract  
@ 262.80 hub. + 229.1 hub + 202.10 hub  
+ 197.5 hub on shore + 5 ft to tower pt.

122

7/18/79

RON - KEN

225-43-33

550

91-26-33

360

180.05

454-26-33

225-43-17

296.10

210-56-18

61-52-24

227.71

360

421-52-24

210-56-12

209.60

95-10-20

190-20-18

95-10-09

100.1

401.65

246.60

279.40

102.35

315.15

31-58-30-4

762.47

150 x 266

1345.15

83-20-14

166-40-16

83-20-08

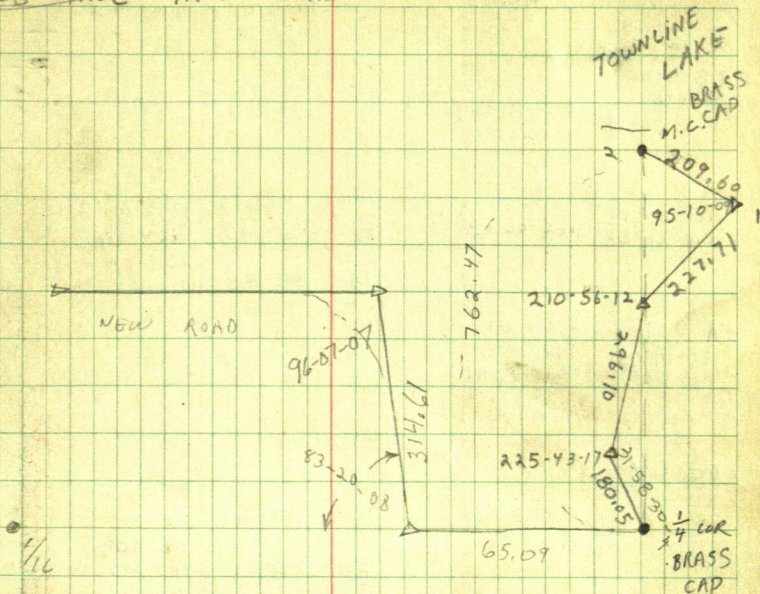
96-07-10

192-14-14

96-07-07

1/16 315

BOB PAUL FRED THOMAS



Rough chain

15 • 102.35 279.40 246.60 46.45 •

FRED THOMAS

RON GRAY  
KEN METCALFE  
DOUG HOOPMAN

T @ B B S A

~~88-50-50~~

89-18

178-36-08

89-18-04

T @ C B S B

180-00-12

00-00-06

180-00-03

(B)

92-42

1333.79 F

424.836 m

(1392.24)

(D)

89-58

298.84 F

91.089 m

(298.84)

T @ D B S C

180-17-03

00-33-42

180-16-51

T @ E B S D

179-48-27

359-36-40

179-48-20

(D)

87-21

638.45 F

194.603 m

(637.767)

(E)

93-01

360.48 F

109.849 m

(359.90)

T @ B B S A

180°

1688.75

T @ G B S B

179-35-42

359-11-06

179-35-33

(B)

91-19

1144.06 F

348.717 m

(1143.758)

(H)

90-31

1601.83 F

488.240 m

(1601.83)

T @ H B S G

180-31-12

01-01-48

180-30-54

T @ I B S H

150-17

300-33-36

150-16-48

(H)

89-54

1300.31 F

396.326 m

(1300.31)

(J)

89-37

1542.27 F

470.086 m

(1542.27)

T @ J B S I

120-36-57

241-13-50

120-36-55

AUG 21, 1979

TOWNLINE LAKE

$\Delta$  F  
~~\*\*\*~~

$\Delta$  m

$\bullet$  E<sup>1</sup><sub>4</sub> COR

$\Delta$  E

$\Delta$  L  
 O.P.P.

$\Delta$  D

$\Delta$  K

$\Delta$  C

$\Delta$  J  
 EAST EDGE  
 FIELD

TRAIL

B  
 H

SPEED  
 LIMIT SIGN

180°

$\Delta$  A

$\Delta$  B

HWY #200  $\Delta$  G

$\Delta$  H

$\Delta$  I

SEE BK 289

FOR BOB PAUL

102.217

5448.342

89-54-30-1

100' 84'

187.41

638.5

360.7

998.9

1392.27

298.84

1691.08

1532.43

158.65

AUG 22, 1979

RON, KEN, DOUG

 $\pi @ K BS J$ 

180°

(J)

90-23

523.28 F

(523.28)

159.493 m

(L)

91-16

385.39 F

(385.296)

117.462 m

 $\pi @ L BS K$ 

180-51-52

180-51-39

01-43-18

 $\pi @ E \frac{1}{4} COR BS L$ 

86-59-36

86-59-23

(L)

88-45

1069.03 F

(1068.776)

325.837 m

(m)

90-19

401.76 F

(401.76)

122.457 m

 $\pi @ E \frac{1}{4} COR BS m$ 

58-24-03

58-24-06

116-48-12

 $\pi m BS E \frac{1}{4} COR$ 

181-04-09

181-04-09

02-08-18

 $\pi @ N BS m$ 

179-22-42

179-22-29

358-44-57

(m)

85-51

247.13 F

(246.48)

75.327 m

(o)

90-14

279.35 F

(279.35)

85.137 m

 $\pi @ O BS N$ 

180-00

(m.c.)

92-50

102.50

(102.375)

31.24

 $\pi @ P BS O$ 

180-01-03

180-00-54

01-48

(o)

91-55

417.10 F

(416.867)

127.12 m

(o)

89-24

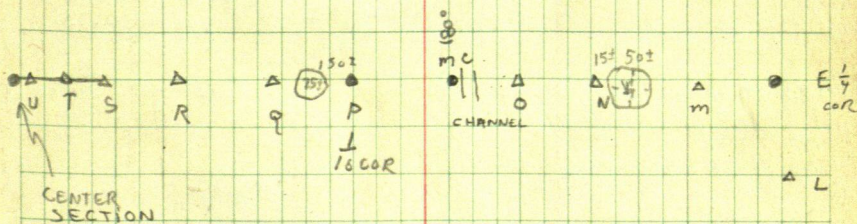
319.07 F

(319.05)

97.250 m

SEE PAGE

123



Aug 22 1975

RON, KEN, DOUG

$\pi @ QBS P$

180-00-09

00-00-00 180-00

$\pi @ RBS R$

180-00-50

00-01-20 180-00-40

Q

94-54

233.34 F

71.125 m

232.487

S

90-10

288.67 F

87.993 m

288.67

$\pi @ S D S R$

180°

$\pi @ T O S S$

180°

S

85-07

318.14 F

96.960 m

316.98

U

92-02

181.982 F

55.447 m

181.81

CENT  
SEC.

92-02

182.85 F

55.734 m

182.73

175-48-30

192-00-54

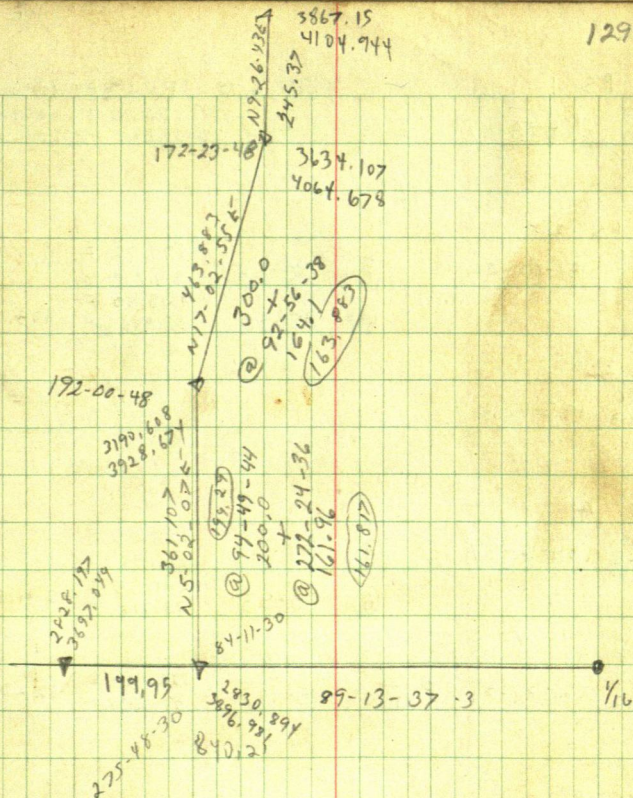
14-01-36 192-00-48

~~172-22-14~~

~~344-45-48 172-22-55~~

172-23-56

344-47-36 172-23-48



③  
 $\pi @ MC, BS 1$

SEPT. 5, 79 RON BRAY

∞ PAUL JOHNSON  
 ∞ KEN METCALF

168-58-03  
 337-57-54 168-58-57

$\pi @ 3 BS 2$

156-02-20  
 312-04-45 156-02-22

② 90-56

177.22 F  
 54.019 m 177.136

④ 90-30

125.80 F  
 38.346 m 125.795

$\pi @ 4 BS 3$

145-15-30  
 290-31-03 145-15-31

$\pi @ 5 BS 4$

134-12-58  
 268-25-54 134-12-57

④ 88-48

198.05 F  
 60.367 m 198.01

⑥ 89-53

241.85 F  
 73.716 m 241.85

$\pi @ 5 BS 6$

22-36-27  
 45-12-42 22-36-21

P  $\frac{1}{16}$

89-14

1229.14 F  
 374.638 m 1229.03

$\pi @ 7 BS 8$

47-56-06  
 95-52-18 47-56-09

⑤

88-52

876.57 F  
 267.181 m 876.398

⑧

89-47

249.74 F  
 76.113 m 249.74

$\pi @ 8 BS MC$

129-16-36  
 258-33-03 129-16-32

MC

89-13

441.01 F  
 134.434 m 440.969

$\pi @ P BS X 5$

FS = 07

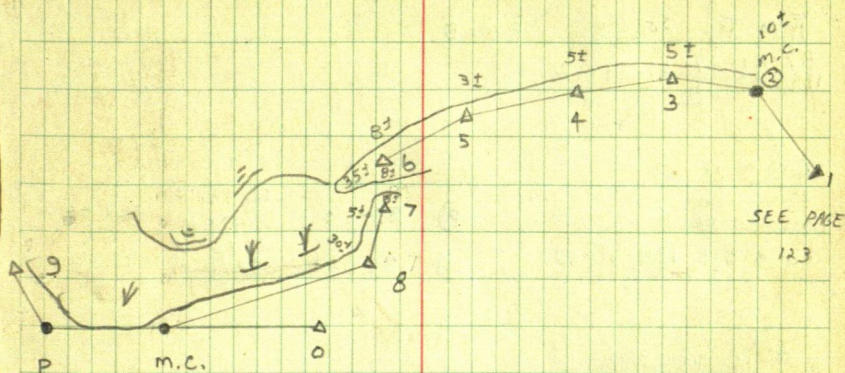
11-39-30  
 23-18-40 11-39-20

$\pi @ P BS X 7$

FS = 0

31-24-32  
 62-48-54 31-24-27

## TOWNLINE LAKE (FRED THOMAS)



$\pi @ P$  BS. 9 FS=5  
 87-24-24 87-24-22  
 174-48-44

$\pi @ 9$  BS P  
~~83-12-42~~  
 134-40-42 (P) 83-13 168.74 F (167.56)  
 269-21-18 134-40-39 (10) 88-40 51.423 m  
 116.72 F (116.70)  
 35.578 m

$\pi @ 10$  BS 9  
 239-49-24  
 119-38-30 239-49-15  
 479-38-30

$\pi @ 11$  BS 10  
 247-56-16  
 135-52-18 247-56-09 (10) 90-30 124.70 F (124.70)  
 495-52-18 (12) 90-47 38.010 m  
 131.90 F (131.89)  
 40.201 m

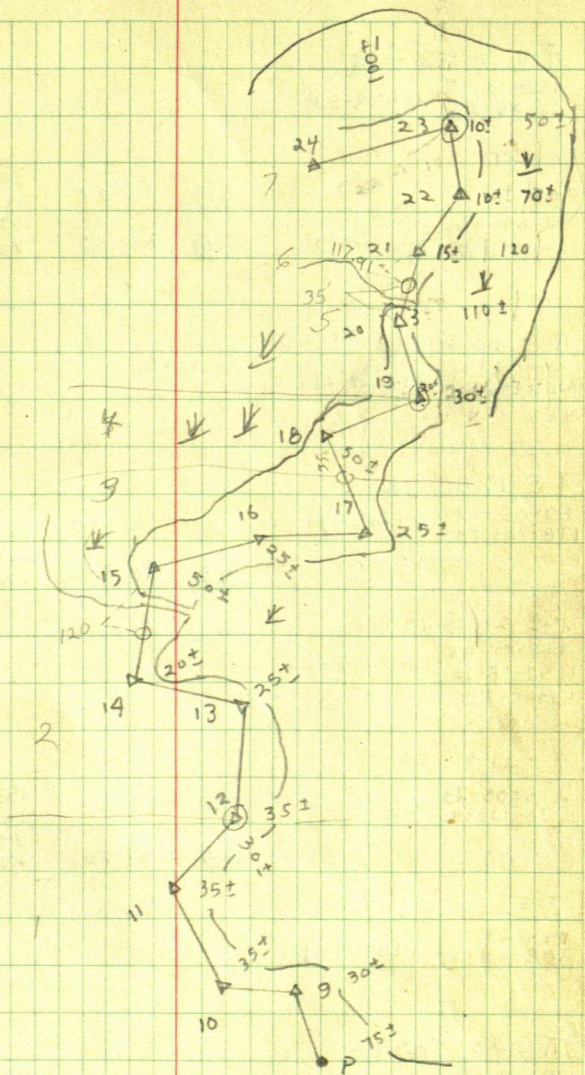
$\pi @ 12$  BS 11  
 117-17-42  
 234-35-18 117-17-39

$\pi @ 13$  BS 12  
 157-26-03  
 314-51-48 157-25-54 (12) 92-11 87.02 F (86.96)  
 261.523 m  
 (14) 91-31 139.10 F (139.05)  
 42.399 m

$\pi @ 14$  BS 13  
 247-41-18  
 135-22-24 247-41-12  
 495

$\pi @ 15$  BS 14  
 250-47-36  
 141-34-50 250-47-25 (14) 89-08 207.77 F (207.75)  
 63.331 m  
 (16) 87-31 114.96 F (114.85)  
 35.043 m

SEPT, 5



$\pi @ 16$  BS 15  
186-13  
12-25-57 186-12-59

$\pi @ 17$ BS 16	(16)	88-26	80.74 F 24.610 m	(80.71)
52-09-40	(18)	90-36	152.81 F 46.57 m	(152.80)
104-19-17 52-09-39				

$\pi @ 18$  BS 17  
244-27-31  
128-54-41 244-27-21  
488

$\pi @ 19$ BS 18	(18)	90-50	173.98 F 53.031 m	(173.96)
89-05-19 89-05-17	(20)	90-50	220.08 F 67.082	(220.06)
178-10-33				

$\pi @ 20$  BS 17  
208-57-42  
57-55-18 208-57-39  
417-55-18

$\pi @ 21$ BS 20	(20)	90-19	152.91 F 46.603 m	(152.91)
215-05-23 215-05-20	(22)	89-29	89.31 F 27.221 m	(89.31)
70-10-40				

$\pi @ 22$  BS 21  
144-04-50  
288-09-34 144-04-47

$\pi @ 23$ BS 22	(23)	90-57	154.03 F 46.946 m	(154.01)
71-37-48 71-37-45	(24)	91-13	168.28 F 51.296 m	(168.24)
143-15-38				

SEPT. 2, 1979

RON BRAY

PAUL JOHNSON  
KEN MEELE

SUNNY-40°

TC 24 BS 23

223-03-15	223-03-12
86-06-24	
446-06-24	

TC 25 BS 24

149-23-33	149-23-24	(24)	89-47	98.52 F 30.030 m	(98.52)
238-46-48		(26)	89-37	218.43 F 16.580 m	(218.43)

TC 26 BS 25

193-08-54	193-08-39
26-17-17	

TC 27 BS 26

49-19-15	49-19-14	(26)	89-55	146.12 F 44.537 m	(146.12)
98-38-27		(28)	91-01	93.74 F 28.575 m	(93.48)

TC 28 BS 27

218-55-27	218-55-21
77-50-41	
432-50-41	

TC 29 BS 28

211-40-44	211-40-36	(28)	91-52	278.90 F 85.010 m	(278.75)
63-21-12		(30)	90-45	147.38 F 44.920 m	(147.37)
423-21-12					

TC 30 BS 29

206-14-05	206-13-55
52-27-50	
412-27-50	

TC 31 BS 30

125-10-18	125-10-11	(30)	87-60	119.38 F 36.386 m	(119.31)
250-20-22		(32)	87-15	145.38 F 44.317	(145.21)

89-44-48



SEPT. 7, 1979

$\pi @ 32 BS 31$

289-39-57  
219-19-27 289-39-44  
579

$\pi @ 33 BS 32$

142-44-33 132-44-21 (32) 90-07 210.16 F (210.16)  
265-28-42 64.056 m  
(34) 91-08 108.84 F (108.82)  
33.176 m

$\pi @ 34 BS 33$

104-24-25  
208-48-30 104-24-15

$\pi @ 35 BS 34$

162-21-25 162-21-18 (34) 90-03 139.34 F (139.34)  
324-42-36 42.470 m  
(36) 85-52 82.70 F (82.48)  
25.208 m

$\pi @ 36 BS 35$

266-53-06  
173-46 266-53-00  
533-46

$\pi @ 37 BS 36$

219-57-40 219-57-33 (36) 88-42 149.37 F (149.33)  
79-55-06 45.526 m  
433-55-06 (38) 89-39 164.48 F (164.48)  
50.138 m

$\pi @ 38 BS 37$

200-03-33  
40-07-00 200-03-30

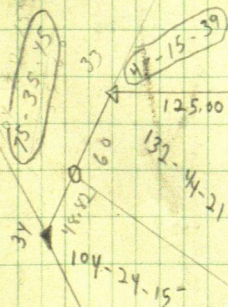
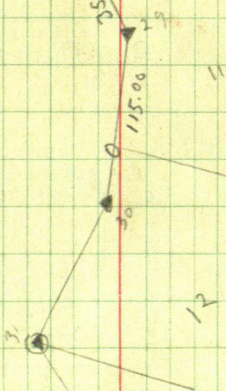
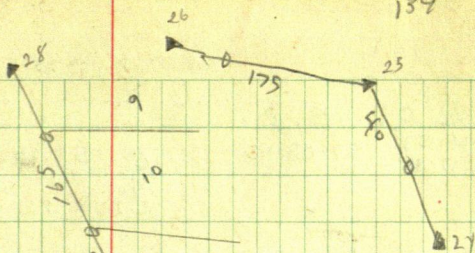
$\pi @ 39 BS 38$

80-32-02 80-32-47 (38) 89-42 198.81 F (198.81)  
161-05-33 60.597 m  
(U) 88-15 153.80 F (153.73)  
46.880 m

$\pi @ U BS 39$

89-44-48  
179-23-09 89-44-35

139



5

SEPT. 7, 1979

ROW BRAY  
CO PAUL JOHNSON  
KEN METCALF

$\pi @ Q1$  BS R  
97-08-53 97-08-45

$\odot$  94-05 68.77 F  
20.963 m 68.544  
 $\odot$  91-32 417.68 F  
127.311 m 417.53

$\pi @ Q2$  BS Q1  
162-21-15 162-21-15

@ 179.0' to Q51 QS = STADIA  
SHOTS

$\pi @ Q51$  BS Q2  
178-15-30 178-15-45

@ 195.0' to Q52

$\pi @ Q52$  BS Q51  
204-42-33 204-42-30

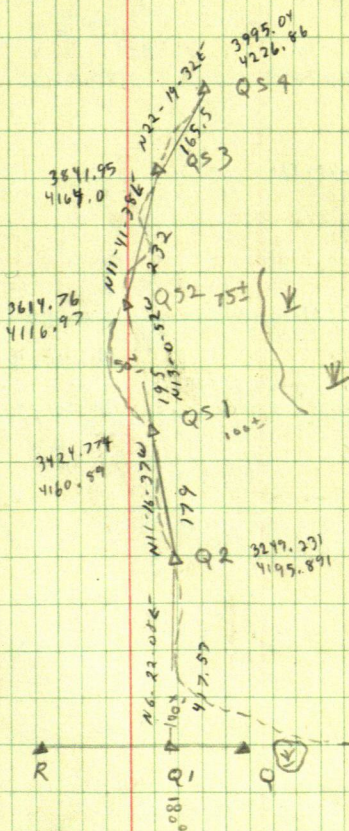
@ 232.0' to Q53

$\pi @ Q53$  BS Q52  
190-38-11 190-37-54  
21-15-48 381-15-48

@ 165.5' to Q54

## TRAIL LOCATION (TOWNLINE)

PC-10



# Wilkening

$\pi @ 1$  BS 2 angle down road to south

58-46-24

$\pi @ 2$  BS 1

3.	180-09-33	1.	1661.87	1660.522
		2.	72-18-30	506.555
				1660.598
		3.	1343.24	1343.24
	360-18-46 180-09-23		90-01-26	409.431
				1343.294

$\pi @ 3$  BS 2

180-18-02

4. 360-35-42 180-17-51

$\pi @ 4$  BS 3

89-21-00

5. 178-41-54 89-20-57

3.	90-29-44	961.68	961.349
5.		293.112	961.334

$\pi @ 5$  BS 4

179-56-08

6. 359-51-30 179-55-45

4.	90-57-24	2594.56	2594.198
		790.820	2594.227
6.		2697.73	2697.729
	90-02-45	822.275	2697.788

$\pi @ 6$  BS 5

90-19-48

186-39-26 90-19-43

$\pi @ 7$  BS 6

9. 179-56-36

359-52-56 179-56-28

6.	90-28-36	5304.59	5304.356
		1616.828	5304.44
9.		1761.62	1761.41
	89-06-36	536.943	1761.437

$\pi @ 7$  BS 8 9

89-45-18

10. 179-30-30 89-45-15

10.	90-08-56	5290.42	5290.402
		1612.515	

$\pi @ 10$  BS 7

90-06-30

16. 180-12-54 90-06-27

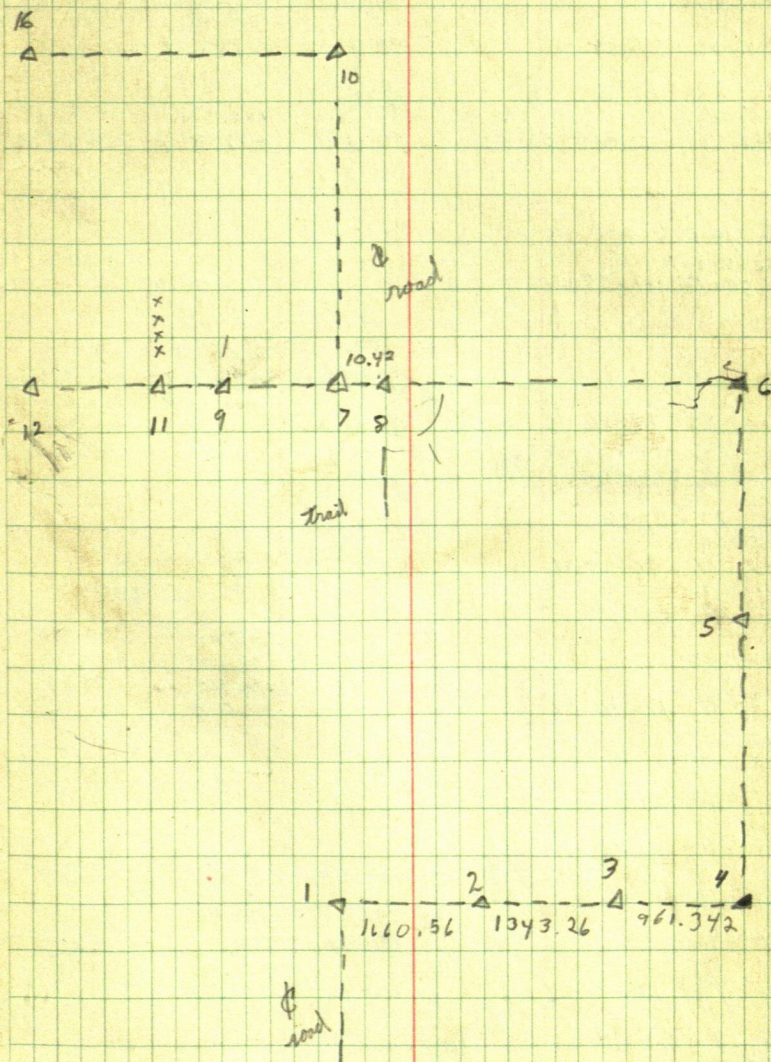
16.	87-39-24	5275.41	5275.315
		1607.952	

$\pi @ 13$  BS 12

17. 33-35-42

67-11-12 33-35-36

12.	86-56-46	711.76	710.749
		216.949	
		610.42	
17.	91-56-56	188.057	610.067



# Wilkening

$\pi @ 18 \text{ BS } 17$

19.	99-53-06	17.	197.770	646.12
			84-43-56	648.85 F
				726.866
199-46-28	99-53-14	19.	89-40-56	2384.77 F
				2384.733

$\pi @ 18 \text{ BS } 19$

	258-53-06		145.438	476.128
17A	157-46-06	258-53-03	86-13-16	477.19 F
				476.192

$\pi @ 19 \text{ BS } 18$

20.	113-55-06			
	227-50-12			
	113-55-06			

$\pi @ 20 \text{ BS } 19$

21.	148-10-18	19.	416.68 F	412.976
			97-38-42	127.005
				429.06 F
296-20-32	148-10-16	21.	88-17-26	130.766
				428.837

$\pi @ 21 \text{ BS } 22$

	90-53-40			
20.	181-47-18			
	90-53-37			

$\pi @ 22 \text{ BS } 23$

21.	178-47-08	21.	258.00	257.352
			94-03-38	78.638
				257.354
357-33-48	178-46-54	23.	253.86	253.837
			89-13-54	77.379
				253.839

$\pi @ 23 \text{ BS } 24$

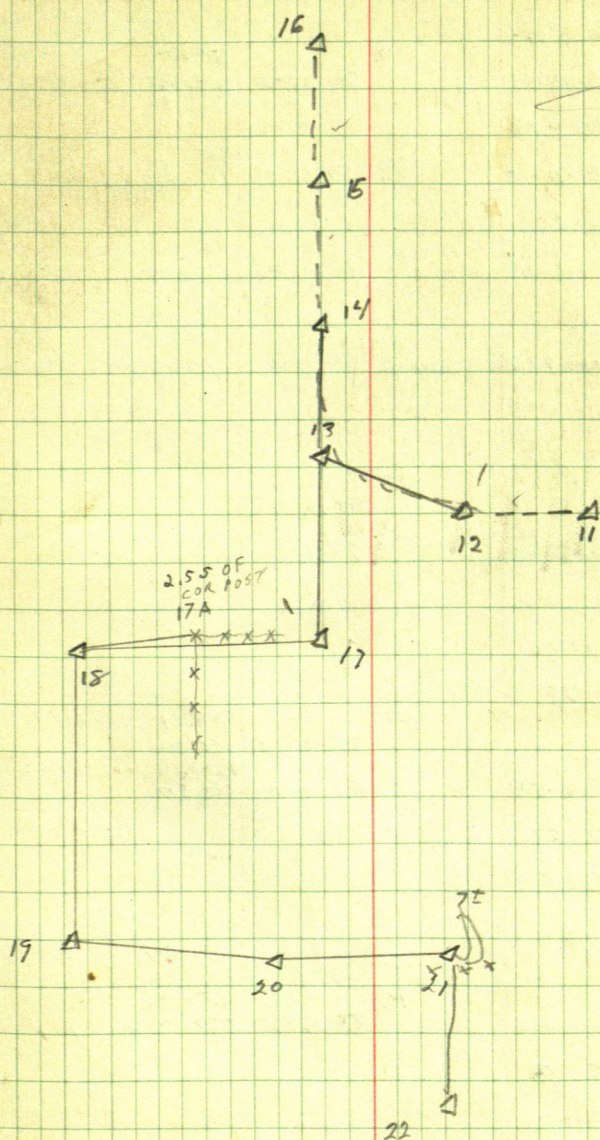
22.	180-13-40			
	360-26-54			
	180-13-27			

$\pi @ 24 \text{ BS } 25$

23.	179-52-00	23.	559.03	558.976
			89-12-00	170.397
				559.004
359-43-48	179-51-54	25.	583.21	533.163
			90-45-48	162.520
				533.162

$\pi @ 17 \text{ BS } 18$

13.	92-89-38			
	185-18-58			
	92-39-29			



# Wilkenning

$\pi @ 25$ BS 26						
	177-44-50		26	539.89	538.196	
24.	355-29-18	177-44-39		94-32-22	164.565	538.225
$\pi @ 26$ BS 27						
25.	172-10-12				562.66	560.469
	344-20-14	172-10-07	27.	84-56-30	171.456	560.467
$\pi @ 27$ BS 26						
	80-36-52				1949.86	1949.742
2.	161-13-00	80-36-45	2.	90-26-32	594.290	1949.738
Distance from 27 to Swamp				95-32-00	1243.00	1236.217
$\pi @ 28$ BS 27						
27.	251-36-52		27.	87-15-08		
	198-13-24	251-36-48	29.	92-51-42		
$\pi @ 27$ BS 28						
	4-19-16					
2.	8-38-12	4-19-06				
$\pi @ 29$ BS 28						
			28.	544.81	544.210	
2.	112-42-56			87-18-42	166.060	544.224
	225-25-44	112-42-52			1653.01	1652.016
			2.	88-00-48	503.840	1652.047
$\pi @ 2$ BS 27						
	180-26-38					
3.	360-52-38	180-26-19				
$\pi @ 11$ BS 9						
	180-01-08.				870.57	870.429
12.	<del>88-58</del>		9.	88-58-04	265.356	870.461
	360-02-04	180-01-02	15.		2258.72	8258.69
				89-42-22	688.456	2258.714
$\pi @ 12$ BS 13						
	124-01-43					
11.	248-03-09	124-01-35				

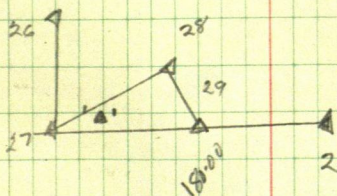
20  
A21  
A

22 A

23 A

24 A

25 A



# Wilkening

$\pi @ 30$  BS 8

180-37-24

01-14-18 180-37-09

$\pi @ 9$  BS 7

179-52-31

11, 359-46-36 179-53-18

$\pi @ 37$  BS 1

151-11-24

36, 302-22-42 151-11-21

$\pi @ 36$  BS 35

37, 115-15-04

230-29-54 115-14-57

$\pi @ 35$  BS 36

130-06-32

34, 260-12-58 130-06-29

$\pi @ 34$  BS 33

35, 119-40-12

239-20-06 119-40-03

$\pi @ 32$  BS 31

180-12-54

33, 360-25-34 180-12-47

$\pi @ 31$  BS 32

30, 180-20-57

360-41-18 180-20-39

$\pi @ 30$  BS 31

8, 179-23-12

358-46-00 179-23-00

$\pi @ 8$  BS 6

30 89-31-24

179-02-34 89-31-17

$\pi @ 1$  BS 37

✓ 136-20-44

272-41-00

136-20-30

8.

2138.61

2138.116

88-46-08

651.847

2138.140

31.

997.25

997.243

90-12-39

303.962

997.257

7  $\Delta$  8  $\Delta$  $\Delta^c$ 179-23-00  $\Delta$  30180-20-39  $\Delta$  31

613.10

388.56  $\Delta$ 

32

180-12-47

77-14-28

146.82  $\Delta$ 

33

180-00

119-40-13

243.98

(137.342)

3

35

180-06-24  $\Delta$ 

287.47

 $\Delta$ 

36

115-14-57

563.47

 $\Delta$ 

37

744.11

151-11-21

-  $\Delta$ -  $\Delta$

Withering

98.23

105-15-20

$\pi @ 21$  BS 38  
87-37-50

22, 175-15-18 87-37-39

$\pi @ 38$  BS 39

21, 179-39-00

359-17-18 179-38-39

179-38-54

359-17-12 179-38-36

$\pi @ 39$  BS 38  
178-48-48

359-57-19 178-48-39

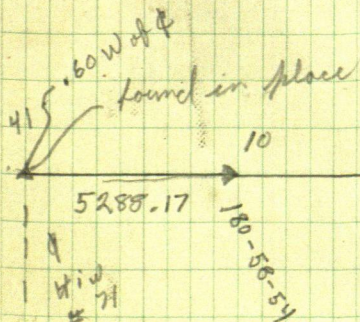
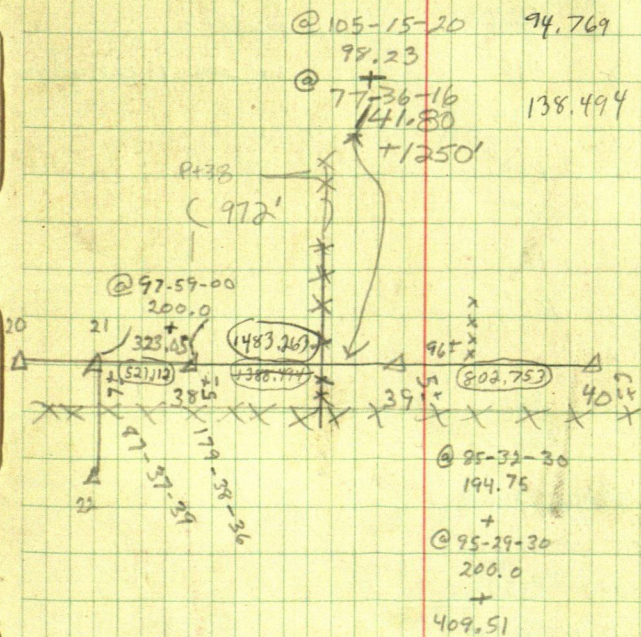
$\pi @ 10$  BS 16

41 180-59-06

01-57-48 180-58-54

$\pi @ 41$  BS 10

$\phi$  88-44-42



# Bob Paul

NA 2 BS 1

Shoreline Location

Angle

Dist

Remarks

270-28-06

415'

on east west fence

286-33

264'

286-41-30

121'

315-25

98'

339-23-12

115'

341-53-44

161'

NA 3 BS 2

22-03-12

322'

27-52-50

280'

57-42-12

4. 115-24-00 57-42-00 257.0

83-49-12

5. 167-32-24 83-49-12 419.85

106-34-00

6. 213-08-00 106-34-00 325.02

116-49-22

7. 253-38-36 116-49-18 438.14

133-42-28

8. 267-14-56 133-42-28 402.26

NA 1 BS 2

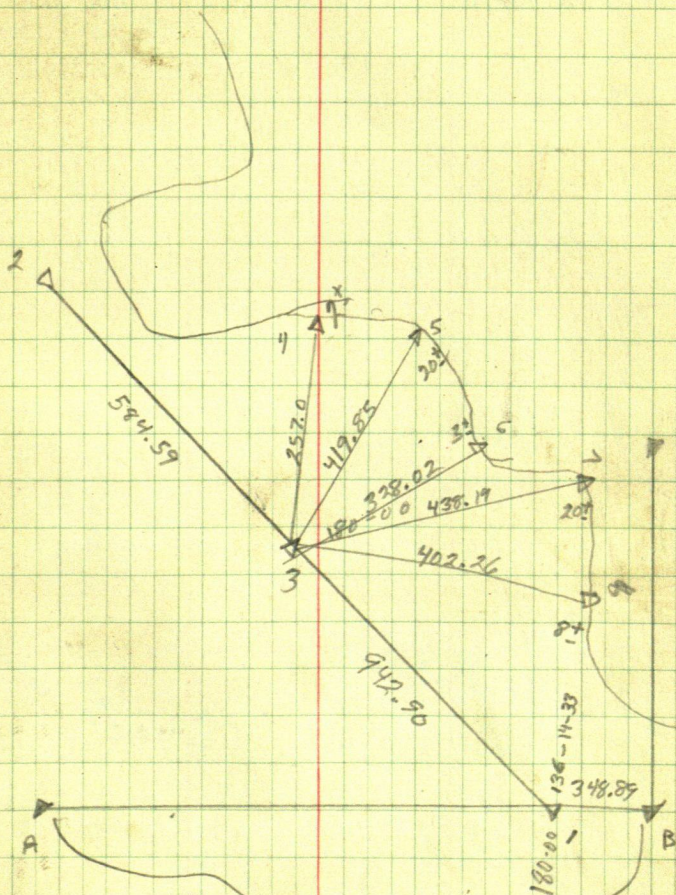
136-14-32

B 272-29-06 136-14-33

Paul  
Glen

153

See page 125



See back  
289  
Bob Paul

# Wilkening

90-08-36  
180-17-08

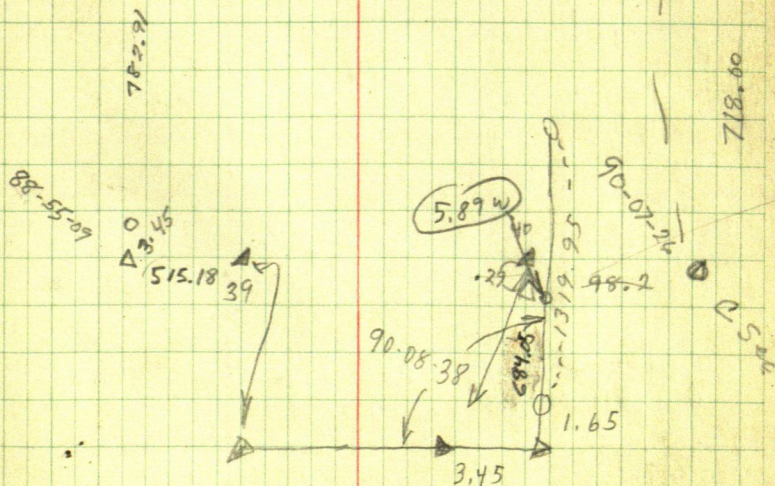
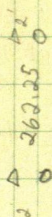
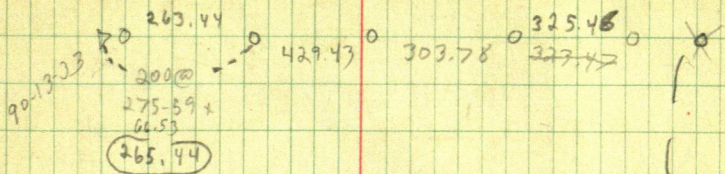
90-08-34

782.91	1315.17
<u>262.25</u>	<u>1045.16</u>
1045.16	270.01

90-13-00  
180-25-26 90-12-43

Dec 11 155  
1979

Paul  
Feb



BOB ALLEN

N.W. cor  
SEC

$\frac{1}{4}$

87-53.30

264590

63.61 235.21

21.71 174.30

85.32 60.91

211.67 235.21

85.32

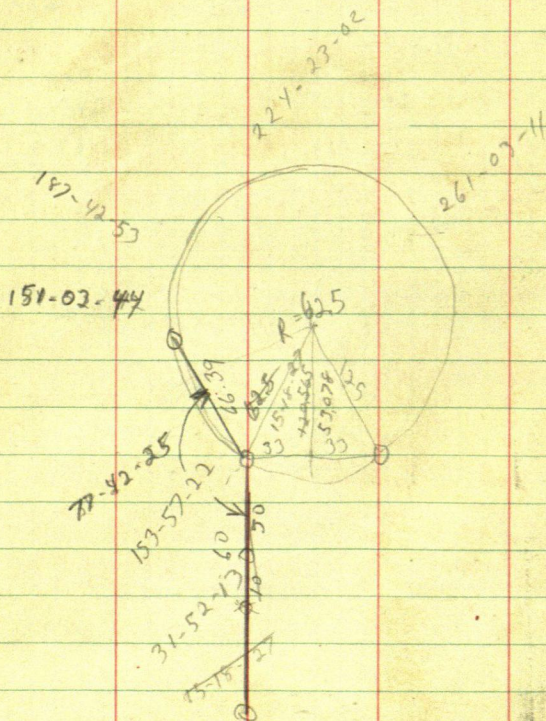
126.35

126.80 CH

174.30 60.91 21.71  
235.21 211.67

70 @  
245.20 - 04  
(63.61)

105.79  
70.0  
130.0



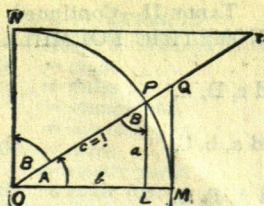


TABLE II

TRIGONOMETRIC FORMULÆ

$$\angle A = \angle MOP \quad \angle B = \angle PON = \angle OPL$$

$$R = OB = c = 1$$

$$\sin A = \frac{a}{c} = \frac{a}{1} = a = \cos B = LP$$

$$\cos A = \frac{b}{c} = \frac{b}{1} = b = \sin B = OL$$

$$\tan A = \frac{a}{b} = \frac{MQ}{OM} = \frac{MQ}{1} = MQ = \cot B = MQ$$

$$\cot A = \frac{NT}{ON} = \frac{NT}{1} = NT = \tan B = NT$$

$$\sec A = \frac{OQ}{OM} = \frac{OQ}{1} = OQ = \csc B = OQ$$

$$\csc A = \frac{OT}{ON} = \frac{OT}{1} = OT = \sec B = OT$$

$$\text{vers } A = \frac{LM}{OP} = LM = \text{covers } B \#$$

$$\text{covers } A = \frac{OP - LP}{OP} = OP - LP = \text{vers } B$$

$$\text{exsec } A = PQ = \text{coexsec } B$$

$$\text{coexsec } A = PT = \text{exsec } B$$

$$\sin \frac{1}{2} A = \sqrt{\frac{1 - \cos A}{2}} \quad \cos \frac{1}{2} A = \sqrt{\frac{1 + \cos A}{2}}$$

$$\sin 2A = 2 \sin A \cos A \quad \cos 2A = \cos^2 A - \sin^2 A$$

$$\text{Law of Lines} \quad \frac{\sin A}{a} = \frac{\sin B}{B} = \frac{\sin C}{C}$$

$$\text{Law of Cosines} \quad c^2 = a^2 + b^2 - 2ab \cos C$$

$$\text{Law of Tangents} \quad \frac{a+b}{a-b} = \frac{\tan \frac{1}{2} (A+B)}{\tan \frac{1}{2} (A-B)}$$

132132

69.3

1390.62

2

481

3

14.43

1391

524

79.8

250  
17'52  

---

2002  
6  

---

12012  
12012  

---

13'2132

249  
150.0  
66.0  
300.0  
66.0  
300

846.9

666  
66

732

150

1249

906.9

846.9

917.5

846.9

70.6

174.9

366

366

906.9

917.5

906.9

10.6

149.7

4

226

366

392

4X918

7985

3

76.85

110

186.85

190

261

1875

4385

995

5380

20

558

139

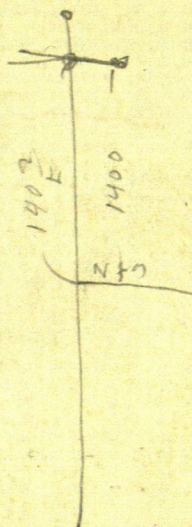
697

75

772

50

822



127375

110

132575

543

132030

2401

6

234

1

558

139

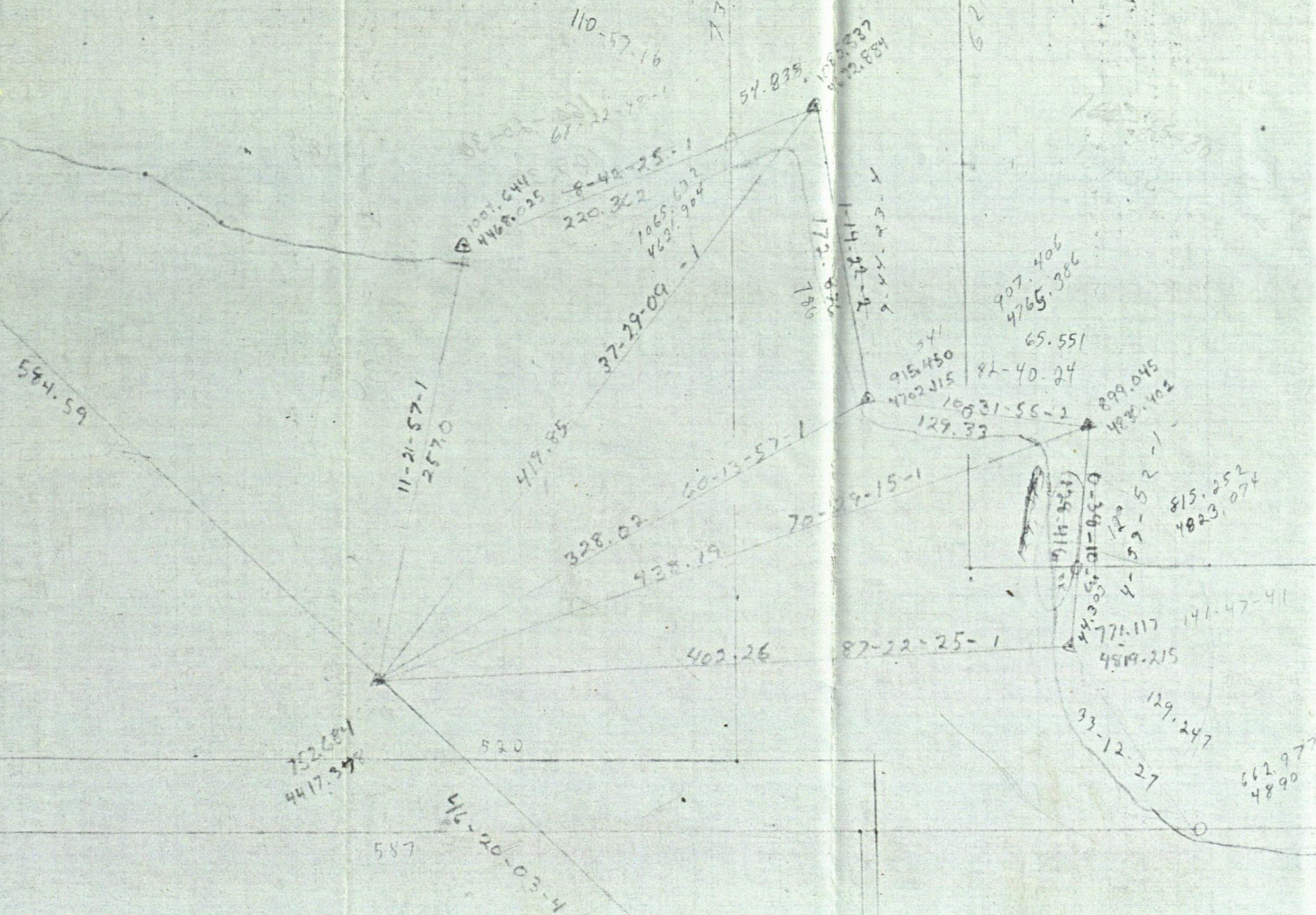
697

75

772

50

822



295/153

675  
N 89. 58. 19 W  
618.554

EAST  
733

55

166-25-30  
109.36

85.00

109.36



0

150.3  
6

109.6

23  
19  
150  
25

144.3

542

1987

15

1183.5

39.6

12231

1188

8647

983.5

35

54

798

47.88

4788

526.48

3023

7

123.23

519

54223

519

23

5422

1321.32

69.3

139062

19.8

4

158

276

99.45

200

198.90

66.53

265.43

429.42

694.86

300.78

99864

1322.11

998.64

323.47

1722.11

258

253

559

533

540

2093