

1982-1983



LANDLINE  
FIELD BOOK #27  
1982+1983



61-1080  
FIELD  
BOOK

6

4

3

2

1



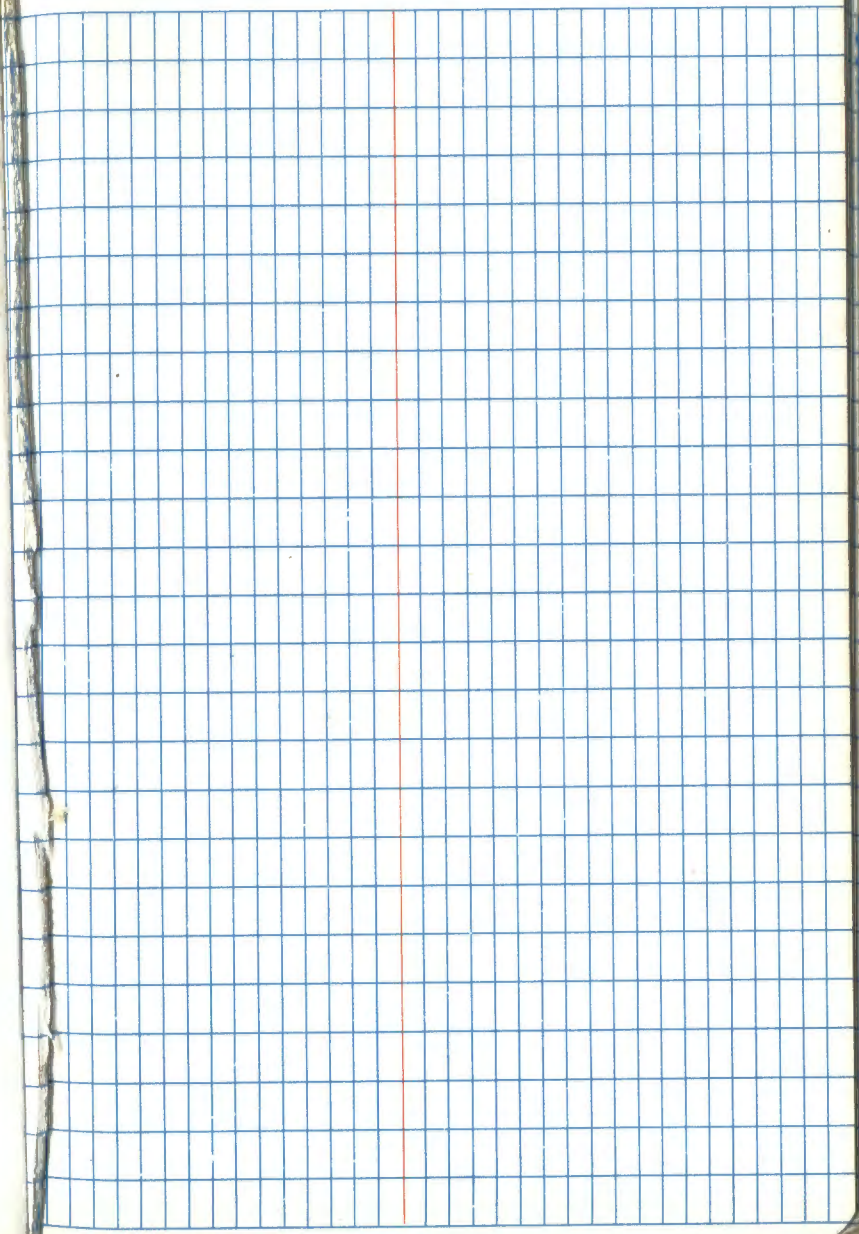
WALKER - TRAPPERS Eco Book # 27 1982-1983

District Forest Ranger  
U. S. Forest Service  
Rt. 1 Box 15  
Cass Lake, Minnesota 55633



No.....

Date.....Page.....



No .....  
Date .....

Page *ii* .....

No .....  
Date .....

Page *iii* .....

A table with 5 columns and 20 rows. The columns are defined by vertical red lines, and the rows are defined by horizontal blue lines. The table is currently empty.

A table with 1 column and 20 rows. The column is defined by a vertical red line, and the rows are defined by horizontal blue lines. The table is currently empty.

No .....  
Date ..... Page 111 .....

No .....  
Date ..... Page 111 .....

A ledger page with blue horizontal lines and five vertical red lines creating six columns. The columns are of varying widths, with the two outermost columns being the widest. The page is otherwise blank.

A ledger page with blue horizontal lines and a single vertical red line. The page is covered with a fine grid of blue lines, creating a grid pattern. The red line is positioned near the left edge of the page.

Page 1

No. 141-31 Sec 13

Date 5-10-82 Page

Sta/occup	Sta/pt	1st & vert. z	4th & Dist	Mean z	Horiz. Dist.
101	100 Sec. Cor.	97-43-45	341.48		338.38
	100 Sec. Cor.	00-00-00			
101	102	189- <sup>43</sup> <del>40</del> -20	38-53-35	189-43-24	
101	102	91-27-40	1772.59		1772.0+
	101	00-00-00			
102	103	178-38-55	354-23-38	178-35-55	
103	102	92-31-30	630.79		630.78
	102	00-00-00			
103	104	182-16-10 182-16-20	09-04-42 269-13-50	182-16-11	
103	104	90-58-50	979.84		979.70
	103	00-00-00			
104	105	179-12-52	356-51-19	179-12-50	

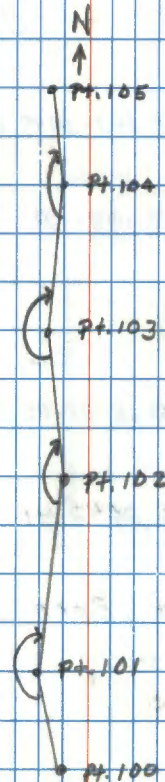
Page 1

No

Date Page

See page 7 for angle from pt. 11 to pt. 101

Pt. 100 - S. Corner 13, 14, 18, 19

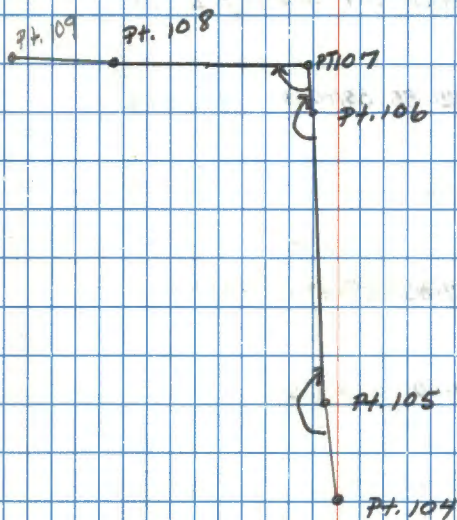
Pt. 104 - Leach Lake Reservation Closing Corner  
bet. sec. 13/18Pt. 105 - N<sup>1</sup>/<sub>4</sub> bet sec. 13/18

105	104	* 92-44-56	209.44		209.20
	104	00-00-00			
105					
	106	179-18-31	357-14-22	179-18-36	
105	106	* 90-34-15	1187.47		1187.41
	105	00-00-00			
106					
	107	175-50-13	343-20-17	175-50-04	
107	106	* 89-32-43	108.20		108.20
	106	00-00-00			
107					
	108	93-51-23	15-25-05	93-51-16	
107	108	* 90-48-21	2642.41		2642.15
5/11/82 - Ausk, KRAUSE, BRAMA, Knowles, Lecy, Klaus					
Temp. 50° F. Cloudy					
	107	00-00-00			
108					
	109	182-39-30	10-37-59	182-39-30	

N  
↑

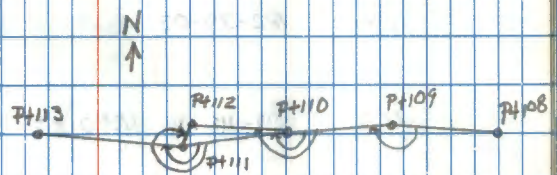
pt. 107 - Sec. Cor 12, 13, 7, 18

pt. 108 - 1/4 bet sec 12/13



109	108	88-51-55	371.89	371.82
	108	00-00-00		
109	110	177-07-38	348-31-22	177-07-51
109	110	90-53-20	333.30	333.26
	109	00-00-00		
110	111	177-45-35	351-01-42	177-45-26
	109			
110	side shot			
	112	178-27-05		
	110	00-00-00		
111	side shot			
	112	351-30-42		
111	112	Steel tape	50.40'	50.40
111	110	86-06-38	669.78	668.24

Pt. 112 - Approx.  $4\frac{1}{2}$  lat sec 12/13. GLO  
 iron p.p.e.





No .....

Date ..... Page 4 .....

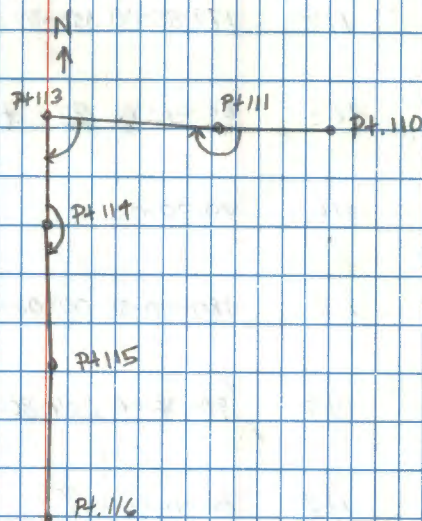
	110	00-00-00		
111				
	113	182-37-03	10-28-42	182-37-11
111	113	89-48-15	1270.82	1270.81
	111	00-00-00		
113				
	114	89-27-55	357-51-24	89-27-51
114	113	88-55-40	480.87	480.79
	113	00-00-00		
114				
	115	179-57-15	359-48-58	179-57-15
114	115	88-28-50	448.53	448.37
	114	00-00-00		
115				
	116	180-06-48	00-27-22	180-06-51
		180-06-34	00-27-16	180-06-49
116	115	93-28-45	413.84	413.08

No .....

Date ..... Page 4 .....

Pt. 113 - Sec Cor. 11, 12, 13, 14

Pt. 114 - Closing corner to L.L. Reserv. bet. sec. 13/14



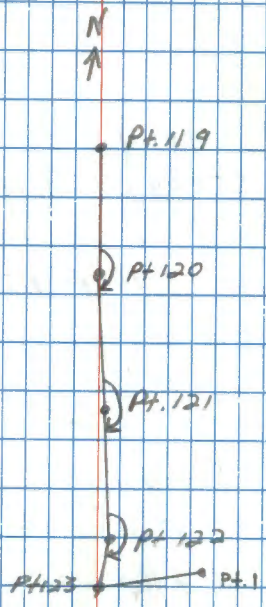
	115	00-00-00		
116	117	179-55-00	359-39-30	179-54-53
116	117	88-06-45	738.44	738.04
	116	00-00-00		
117	118	180-00-38	00-02-06	180-00-32
118	117	* 90-34-00	619.80	619.78
	117	00-00-00		
118	119	180-00-17	00-00-59	180-00-15
118	119	91-01-25	515.99	515.91
5/12/82 - Same crew, Temp 50°F, Cloudy				
	118	00-00-00		
119	120	184-51-17	19-24-22	184-51-06

Pt 120 - 1/64 corner marked by 1" galv. pipe  
bet. Sec. 12/13. 14



120	119	84-29-43	92.22	91.79
	119	00-00-00		
120	121	175-16-23	341-05-31	175-16-25
120	121	89-08-00	717.86	717.78
	120	00-00-00		
121	122	179-02-43	356-10-44	179-02-41
122	121	90-01-37	1190.71	1190.71
	121	00-00-00		
122	123	196-17-10	65-09-23	196-17-21
122	123	85-23-07	74.95	74.71
	122	00-00-00		
123	1 (1977)	72-25-37	289-41-31	72-25-24
		72-25-19	289-45-08	72-26-17
123	1	88-58-40	649.80	649.70

pt. 123 - Sec. Cor. 13, 14, 23, 24  
 pt. 1 - pt. set from 1977 traverse  
 Bearing of line from pt. 122 to pt. 121  
 is  $N 1^{\circ} E$   
 Bearing of line from pt. 122 to 123 is  
 $S 17^{\circ} W$

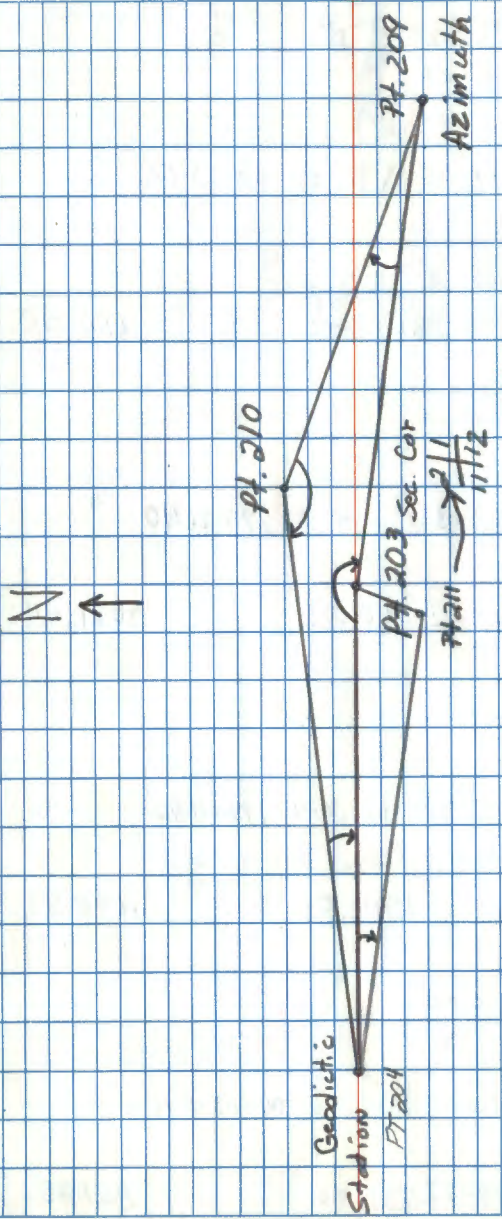


11 00-00-00  
100  
101 23-52-40 95-31-12 23-52-40

Pt #1 1977 SURVEY  
STEFAN OLSEN - KRAUSE  
SPIKE IN ROAD E-W  
8" BIRCH S26°E 15'  
5" BASSWOOD S67°E 16.4'

Pt. #11 1977 SURVEY  
SPIKE ON TOP OF BANK  
R. OAK 11" N20°E 28.55'  
R. OAK 13" N72°W 25.23'

Pt. 11 - traverse pt. from 1977 survey



No. 141 - 30 SEC 1 + 12  
 Date 6-14-82 Page 8

Sta Occur	Stat Sight	1st Vert	4th & Dist	MEAN &	HORIZ DIST
	208	00-00-00			
SEC COR 200					
	201	02-53-08	11-33-08	02-53-17	
	201	200	90-02-58	650.02 <sup>05</sup>	650.05
SEC COR 200		00-00-00			
201					
	202	178-26-28	353-46-39	178-26-40	
201	202	89-13-23	3061.72	3061.44	
	201	00-00-00			
202					
SEC COR 203		179-01-42	356-06-47	179-01-42	
202	203	90-03-53	1598.81	1598.81	
	202	00-00-00			
203					
	204	04-03-39	16-15-23	04-03-51	
	204	89 90-59-22	851.88	851.88	

No .....  
 Date ..... Page 8

SEC X 2

200 SEC COR

201 .200

.207

.206

.205

.204

SEC COR

203

J.P. Stamp

SEC X 11

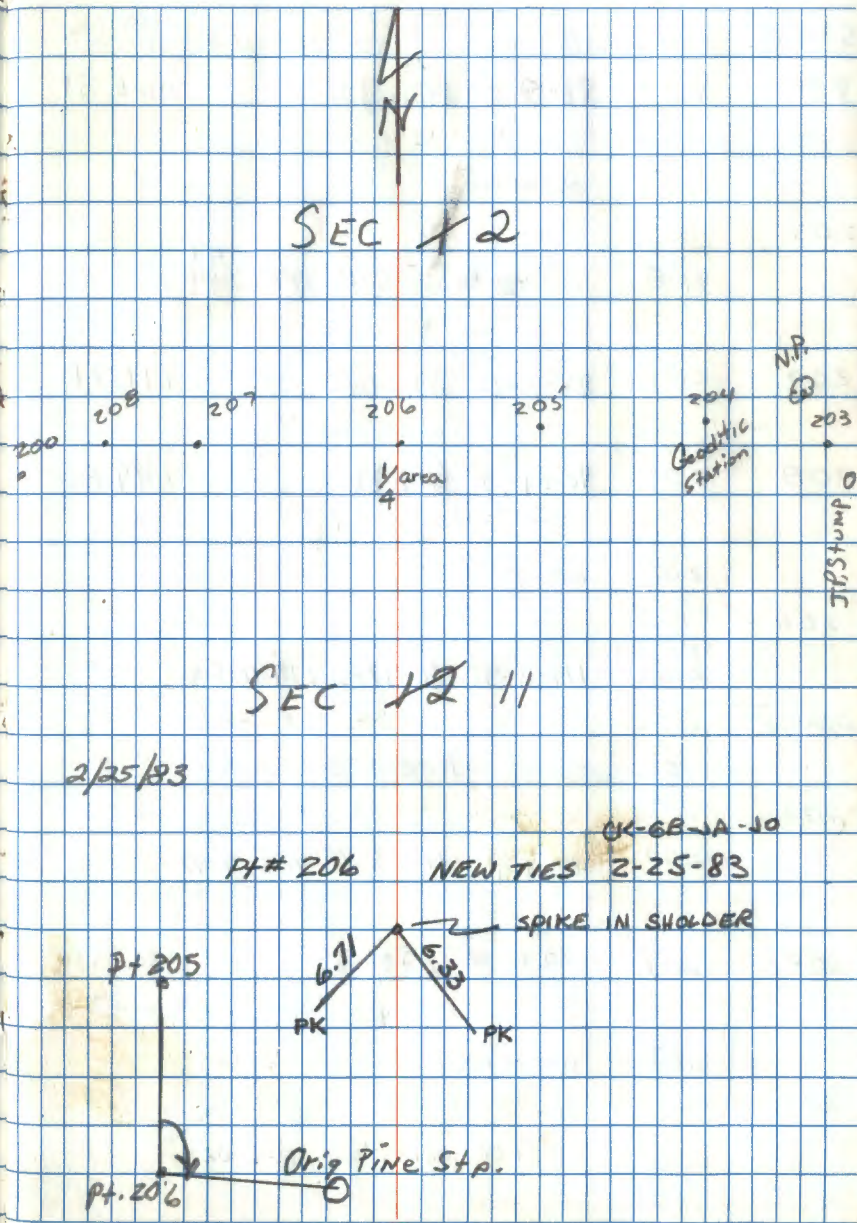
No .....

Date 6-14-82 Page 9

Side Shot	Hor. &	VERT	Dist.	Horiz. Dist.
203	J.P. Stump	206-32-58	91-43-00	184.44 184.36'
203	NP	35-03-03	92-45-07	129.30 129.15'
Sta. Occup.	Sta. Sight	1st VERT.	2nd VERT. Dist.	MEAN Dist.
	203	00-00-00	337-47-37	
204	205	174-26-57	337-47-37	174-26-54
204	205	<del>89-39-22</del>	961.74	961.72
	204	00-00-00		
205	206	<del>172-25-37</del>	<del>09-42-42</del>	182-25-40
	205	00-00-00		
205	206	92-27-43	723.78	723.11
	205	00-00-00		
206	207	180-21-08	01-24-04	180-21-01
	205	00-00-00		
206	April 14, 1983	135° 35' 20"		
	1/2 Orig. Pine Stp.	97-30-20		97-30-26
206	Orig. Pine Stp.	95-47-00	129.56	128.90

No .....

Date ..... Page 9

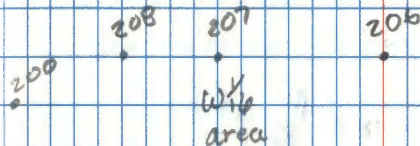


No .....  
Date 6-14-82 Page 10

STA. Oc.	STAT. Sight/ST	VERT. &	HTA. & Dist.	MEAN &	HGR. Z. Dist
206	207	88-51-00	1426.10		1425.81
	206	00-00-00			
207	208	179-08-44	356-35-16	179-08-34 <sup>49</sup>	
207	208	88-11-12	700-06		699.71
208	SEC COR. 200	90-04-17	649.86		649.86
	207	00-00-00			
208	SEC COR. 200	179-11-42	356-47-21	179-11-50	
2/24/83	204	000 00 00	<del>11-24-45</del>		
203	209	182-51-45	11-26-45	182-51-41	
203	209	90 46 00	2806.69'		2806.438
	203	000 00 00			
209	210	000-21-00	061-24-30	000-21-07.5	

No .....  
Date ..... Page 10

SEC 12

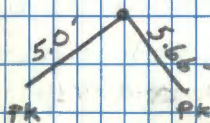


SEC 11

2/24/83 - KRAUSE, BRAMA, ALLISON, OJANEN  
Temp 25°F Clear skies.

pt. 209 Azimuth

Ties to pt. 203



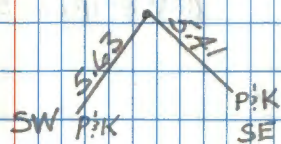


No. ....  
Date 2/24/83 Page 10A

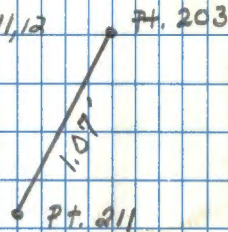
210	209	90-40-35	2648.27	2648.085
	209	<del>89-53-20</del> 80-00-00		
210	204	176-19-00	345-16-10	176-19-02.5
210	204	89-53-20	1010.88	1010.87
	210	000-00-00		
204	203	000-28-18	001-58-02	NO good
		000-28-10	001-58-01	VOID
2/25/83	211	203	Measured with steel tape 1.07'	
204	203	90-02-00	851.87	
	210	000 00 00		
204	203	000-28-13	001-53-20	000-28-20
	203	000 00 00		
204	211	000-03-50	000-15-10	000-03-47.5
204	211	90-04-20	851.36	851.36

No. ....  
Date CK-GO-TA-JO Page 10A

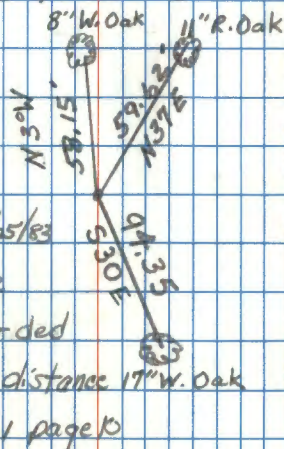
Ties to pt 210



2/25/83

Pt. 211 is Sec. Cor. 1, 2, 11, 12  
See field book #1 page 10

Pt. 211 Ties to BT'S



These ties

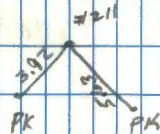
are new as of 2/25/83

On 2/23/83, these

ties were recorded

at a different distance 17" W. Oak

in field book #1 page 10

Turn to pg. 9 for angle & dist to orig. pine stp. at  $\frac{1}{4} 5. \frac{2}{11}$

No. 141-28 SEC 28

Date 8-23-82 Page 11

BA 30

Sta. occ.	Sta. sight	1st VER	H <sup>th</sup> 2 Dist	MEAN 4	HOK, Dist.
-----------	------------	---------	---------------------------	--------	---------------

301		00-58-18	03-53-10	00-58-18	
-----	--	----------	----------	----------	--

c/14  
302

303					
-----	--	--	--	--	--

No. ....

Date ..... Page 11

No. 141-2B S4420

Date B-23-82 BA. J.O. Page 12

Sta Occ. Sta. Sght. Vert. Az. MEAN & HOR. DIST

301 CN 1/16 89-45 527.41 527.39

301 CN 1/16 312

301 302 C 1/4 252-27-12 289-49-06 252-27-17

301 302 C 1/4 90°-17' 1130.14 1130. 1130.14

301

302 C 1/4

303 00-58-10 03-53-10 00-58-13

303 302 90-18 1140.18 1140.17

303

302 C 1/4

303

304 132-57-03 171-48-40 132-57-10

303 304 89-51 999.36 999.32

303

304

305 203-47-24 95-09-57 203-47-29

305 304 88-51 231.14 231.07

Dug North

No. ....

Date ..... Page 12

S

C 1/4  
• 302

303 • 301 • 312  
• C 1/4 116

304 •

305 •

N

No .....

Date ..... Page 13

	304			
305	306	180-00-09 <del>180-00-10</del>	00-01-08 <del>180-00-09</del>	180-00-17
305	306	88-31	281.56	281.44
	305			
306	N <sup>1/4</sup> 307	179-59-52	00-00-00	180-00-00
307	306	89-33	291.0	290.98
	306	<del>89-33</del>		
N <sup>1/4</sup> 307	308	00-12-13	00-48-56	00-12-14
307	308	89-33	291.19	291.17
	307			
308	309	179-39-57	358-39-38	179-39-55
309	308	88-33	281.38	281.26

No .....

Date ..... Page 13

\$

305 •

306 • 308

307 •

N

	308			
309	310	180-08-07	00-32-57	180-08-14
309	310	89-00	231.12	231.08
	309			
310	311	161-21-47	285-27-13	161-21-48
311	310	89-20	427.22	427.18
	310			
311	CN/16 312	241-09-50	<del>244-39-00</del> <del>241-38-39</del>	241-09-45
311	CN/16 312	88-58	235.67	235.60
	311			
CN/16 312	301	087-17-43	49-11-05	087-17-46

	S			
	301			
	CN/16 312			
	311			
	310			
	309			
	308			
	N			

No .....

Date .....

Page 15

No .....

Date 9-20-82

Page 15

⊕ Road SURVEY  
UPPER MILTON LAKE

No .....

Date .....

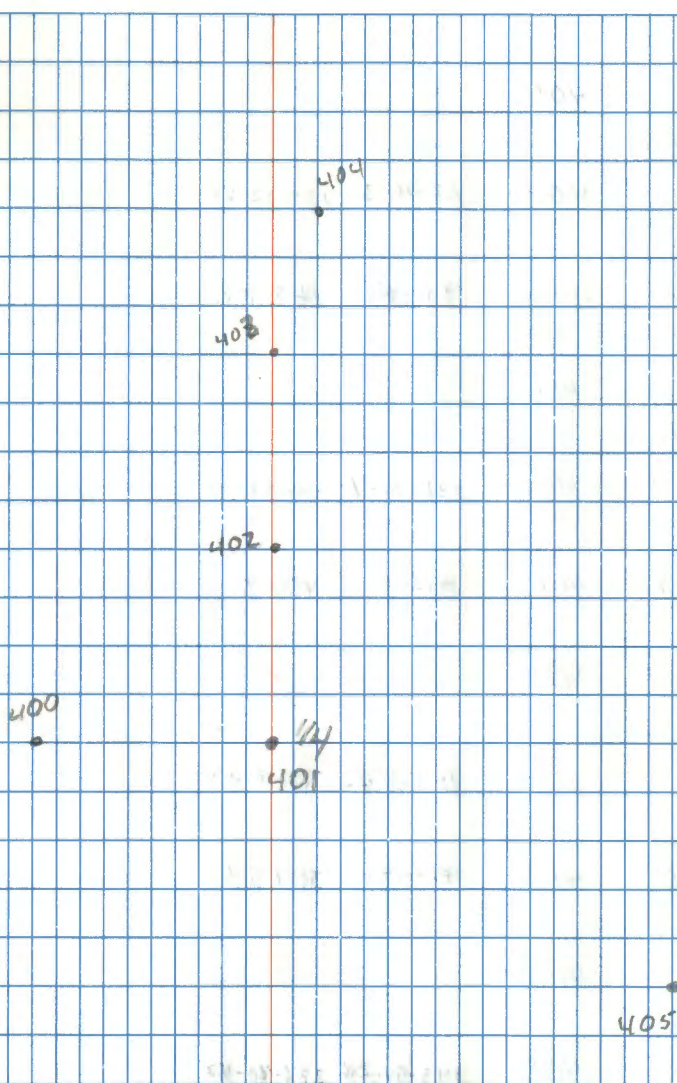
Page 16

STA. NO.	STA. SIGHT	1 <sup>st</sup> HOR. VERT.	2 <sup>nd</sup> DIST.	MEAN $\bar{x}$	HORIZ. DIST.
	400				
401 <sup>1/4</sup>					
	402	85-10-06	170-20-10		
402	401	90°-52'	155.74		
	401				
402					
	403	180-13-40	00-27-10		
402	403	93-12	471.72		
	402				
403					
	404	194-51-23	29-42-54		
404	403	89-20	211.74		
	403				
404					
	405	293-10-56	226-21-40		
405	404	89-58	1131.17		

No .....

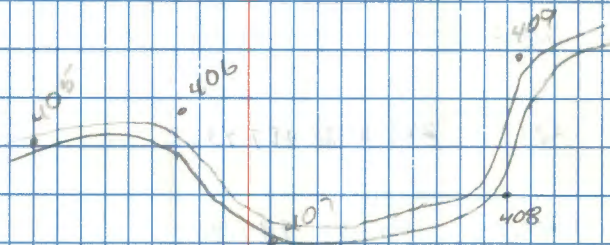
Date .....

Page 16



	404		
405	406	62-06-30	124-12-57
405	406	93-08	167.22
9-22-82	405		
406	407	232-16-51	104-33-28
407	406	89-16	400.31
	406		
407	408	154-25-12	308-50-55
407	408	91-49	389.53
9-23-82	407		
408	409	143-50-34	287-40-55

Inst R.  
 Trouble





409 408 90-37 465.95

409 408

409 410 215-57-37 71-55-39

409 410 ~~89-30~~  
~~88-56~~ 123.56

410 409

410 411 223-51-28 087-43-22

411 410 90-32 184.90

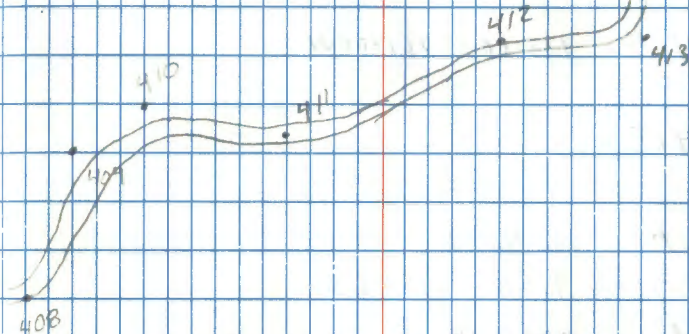
411 410

411 412 ~~91-26-29~~  
~~160-02-45~~ 320-05-25

411 412 91-21 403.05

412 411

412 413 195-13-50 020-28-16



412 413 93-24 386.32

412

413

414 133-00-23 266-00-20

413

414

1A 188-43-43

VERT. &amp; 91°-10' 152.63'

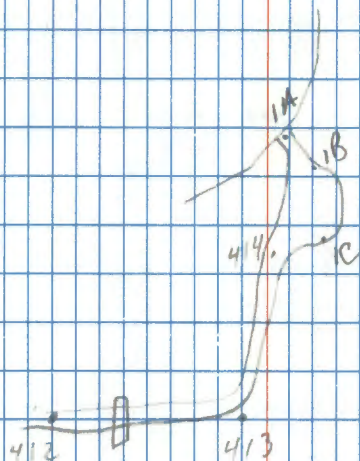
1B 200-10-18

VERT. &amp; 91°-00' 112.87'

1C 251-52-18

VERT. &amp; 90-08 42.11'

414 413 91-54 264.80



No. T.14N R.30W btwn Secs. 2-11

Date 4-18-83 Page 20

Re-establishment of  $W\frac{1}{2}$  secs. 2-11

	206	00-00-00		
207				OK
	$W\frac{1}{2}$ (214)	136-13-00 <del>136-12-58</del>	double <del>272-25-55</del> 272-25-36	136-12-48 <del>136-12-58</del>
207	$W\frac{1}{2}$	35.04'	level tape	35.04

Re-establishment of  $\frac{1}{4}$  cor. secs. 2-11

	207	00-00-00		
206				OK
	$\frac{1}{4}$ (213)	351-22-00	342-44-10	<del>342-44-10</del> 351-22-05
206	$\frac{1}{4}$ cor	128.64	level tape	128.64
$\frac{1}{4}$ cor	orig. BT (212)	79.8	level tape	79.8

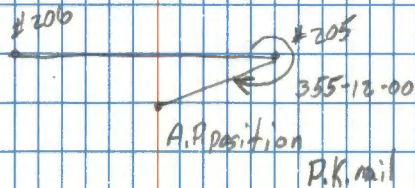
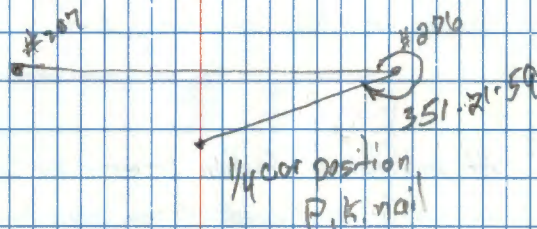
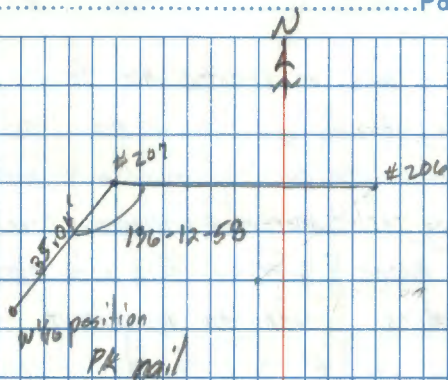
Re-establishment of Angle Pt (W-E  $\frac{1}{4}$ ) btwn secs. 2-11

	206	0-00-00		
205				OK
	AP (215)	355-12-00	350-24-30	355-12-15
205	Angle Point	185.74	level tape	185.74

Clear 40° Krause, Brama, Allison, Hayes

No. ....

Date ..... Page 20



No. T14N R30W  
 Date btwn. Secs. 2 & 11 Page 21

T14N R30W  
 2/1  
 11/12  
 1983  
 RLS 14677

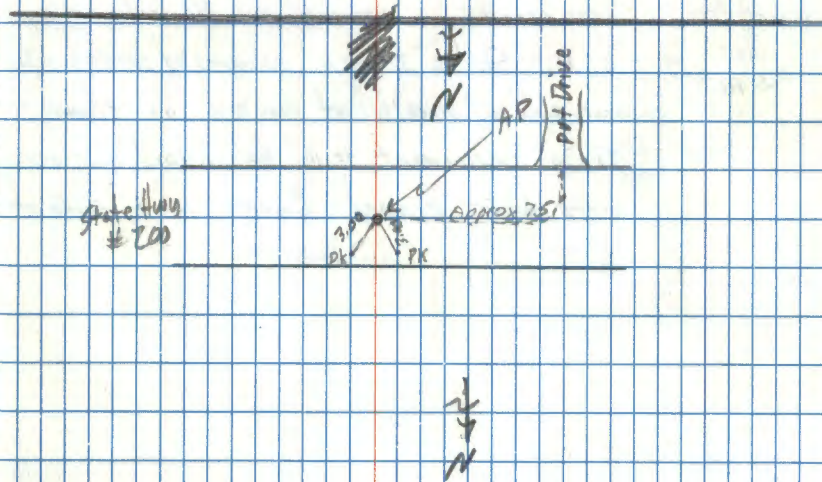
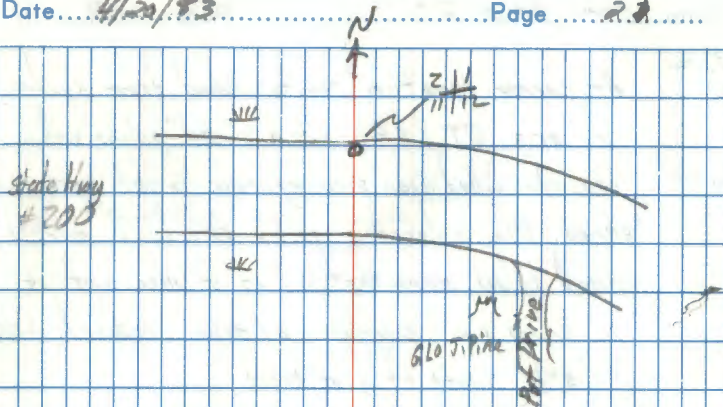
At corner location reestablished from GLO  
 Bt's and State Hwy Prop. file (trav. pt #211) set a  
 2" x 24" galvanized iron pipe filled with concrete  
 with a brass tablet marked as shown. Placed a  
 1" x 1" dia. magnetic reference mark with blue colored  
 plastic casing, beneath the monument. Corner  
 falls 0.5' south of the north edge of the blacktop.  
 Top of monument is 2" below driving surface with  
 cap exposed.  
 G.L.O. oak (N26°E) stump has a 1/2" dia x 6" long  
 rebar in center of stump, down 6".

T14N R30W  
 S2  
 TR 1423  
 AP1 AP2  
 R TR  
 1423 1464  
 SN  
 1983  
 RLS 14677

At proportionate location between sec Cor. <sup>2/1</sup> and 1/4 cor  
 secs. 11-12 reestablished the Angle Point to Tracts  
 1423, 1463 & 1464. Set a 2" x 24" galvanized, concrete  
 filled iron pipe w/ brass tablet marked as shown.  
 Corner falls in G. Top of monument is 1" below  
 road surface with tablet exposed.

Hoyes, Krause, Allison, Brama & Terry Freeman (Cass Co.)

No. \_\_\_\_\_  
 Date 4/20/83 Page 22



No. T141A R30 W  
Date. btwn Secs 2 & 11 Page 22

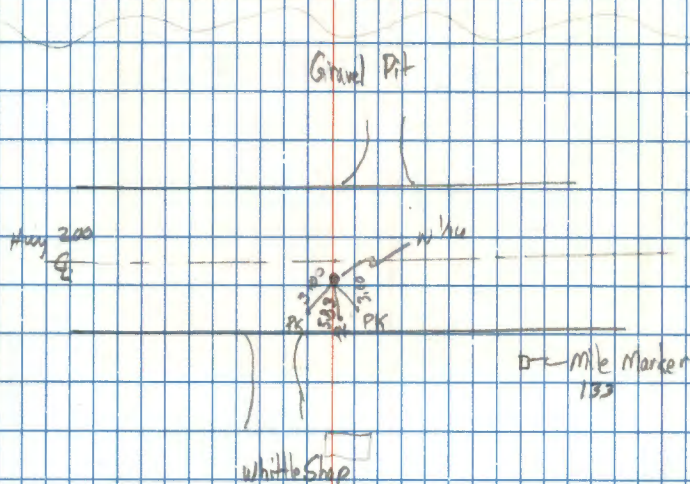
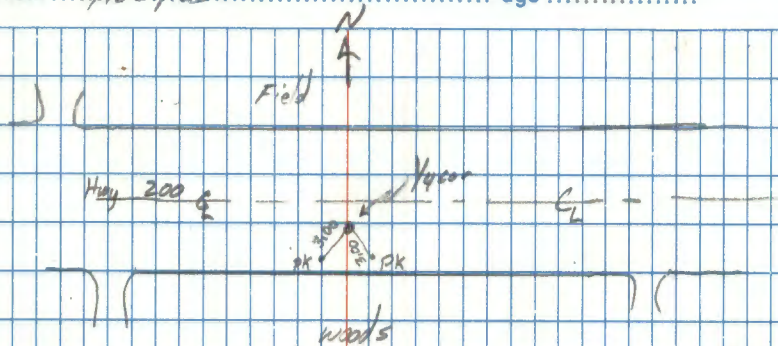
T141A R30W  
1/4 S2  
5 11  
1983  
RLS NO 14677

At corner location reestablished from evidence of orig. BT (SE) set a 2"x24" galvanized, concrete filled iron pipe w/ brass tablet marked as shown. Blue colored magnetic reference mark 1" x 1" placed below monument. Top of monument is 1" below road surface w/ tablet exposed. Corner falls 4' south of & of road.

T141A R30W  
1/4 S2  
5 11  
1983  
RLS NO 14077

At proportionate location btwn Sec Cor <sup>3 1/2</sup> 10 1/2 and 1/4 cor. sec. 2 & 11 reestablished the 1/4 cor. sec. 2 & 11. Set a 2"x24" galvanized, concrete filled iron pipe w/ brass tablet marked as shown. Top of monument is 1 1/2" below road surface with tablet exposed. Corner is 2' south of &.

Hays, Krause, Bruma, Allison & Freeman  
No.  
Date. 4/20/83 Page 22



No .....  
Date ..... Page 23 .....

No .....  
Date ..... Page 23 .....

REST OF BOOK  
IS EMPTY