

SOKKIA™

TRANSIT
FIELD BOOK

GPS
FIELD
DATA
BOOK
104

No. 8152-00

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Property of _____

Address _____

Telephone _____

This Book is manufactured of a High Grade 50% Rag Ledger Paper having a Water Resistant Surface, and is sewed with Nylon Water-proof Thread.

4-6-2000

Grin 04

Perry Lake

(200)

H:11 spike

#95

HI 4.80 +m

ON 12:05

OFF 12:05

MP 22

MNDOT memo.

#94

HI 4.75 +m

ON 11:50

OFF 11:50

NQ3 CIM

#93

HI 5.21 +m

ON 12:30

OFF 12:30

405 spike

#93

HI 4.96 +m

ON 1:45

OFF 2:20

404 spike

#93

HI 4.48 +m

ON 2:35

OFF 3:05

402 spike

#93

HI 4.60 +m

ON 3:20

OFF 3:50

Perry Lake

4-6-2000 S.H.

2/104

TQ 404

BS 405

0°

1013.32

1013.32

Spike

Spike

SS 1

1.) 107-44-26 55.59

mn Dot
CTM

2.) 215-28-50 55.60

ml) 107-44-25

405

Perry Lake

4-7-2000 65

H11 spike #95

HI 4.89 + m ON 9:10
OFF 3:25

MP 22 MNDOT mon. #94

HI 4.68 + m ON 9:25
OFF

403 spike #93

HI 4.46 + m ON 9:50
OFF 10:25

EQ 4 1" IP. #93

HI 2.81 + m ON 11:00
OFF 11:40

400 spike #93

HI 4.63 + m ON 12:05
OFF 12:45

401 spike #93

HI 4.82 + m ON 12:55
OFF 1:35

SW 4 Round mon. #93

HI 5.05 + m ON 1:55
OFF 2:30

XRDS spike #93

HI 5.09 + m ON 2:45
OFF 3:15

U.T. sec 17

4-11-2000

3/104

213 spike #95

HI 4.95 + m ON 9:30
OFF 11:40

Dean Lake mon. #94

HI 4.88 + m ON 9:40
OFF 11:30

SE 17A spike

HI 4.65 + m ON 9:50 #93
OFF 10:30

SQ 17 mon. (1.1um) #95 PDOP 2.2

HI 5.73 + m ON 10:45
OFF 11:25

Perry Lake

4-11-2000

MP 22 MNDOT mon. #93

HI 5.16 + m ON 12:10

NQ3 CIM #95

HI 5.37 + m ON 12:25
OFF 4:05

404 spike #94 PDOP 2.26

HI 4.62 + m ON 12:45
OFF 11:25

402 spike #94

HI 4.58 + 4' ON 11:45
OFF 2:30 PDOP 2.13

SW 4 Round mon.

HI 4.85 + 4'

ON 2:00
OFF 3:55

#94

PDOP 2.04

1.92

DEAN LAY
SEC 17

FND DNR CAPD MON SW SEC

H1 = 535 + meter

ON = 10:40 AM
off =

#95

SE 17A CP NAIL Set

PAIR to SE 17

H1 = 497 + meter

#94

ON = 10:40 AM

off =

SE 17B CP-NAIL Set

PAIR to SE 17

#93

H1 = 497 + meter

ON = 10:40 AM

off = 11:25 AM

EQ 17 FND DNR MON #93

H1 = 539 + meter

ON = 539 + meter 11:30 AM

off = 12:30 pm

SIGEN
Grimm

4/10/00

4/104

NE 17 Set CWC SOTUBE from
DNR TIES #93

H1 = 500 + meter

ON = 12:40 pm off = 2:40

SQ 17 FND DNR MON TIES CHECK

H1 = 539 + meter

#95

ON = 1:40 pm

off =

CEN 1 CP NAIL NEAL CENTER

H1 = 482 + meter

#93

ON = 3:00 pm

off = 3:35

CEN 2

CP NAIL #93

H1 = 483

ON 3:45

SEC 3 PERRY LAKE

SIGEN
G6mm

4/12/00

5/104

MP22

CWC CONTROL MON

HI = 463 + meter

ON = 9:52 AM

off

NP3

C/M MNDOT MON

HI = 523 + meter

ON 9:54 AM

XRDS 22

CP-NAIL *NEW POINT

HI = 531

+meter + 4'

ON = 11:15 AM

off = 12:30 PM

51M

FND, 1 1/2" PIPE

HI = 516 + 4'

ON = 11:40

off

SW ^{REF} MON 42'

SE REF MON 42'

Perry Lake

4-25 Steve A.
Clear Warm 65°

TT 34 WM $\frac{5.26}{+M}$ 8.54
on 9 am off 2 pm

Tavern on 9 am off 2 pm
 $\frac{4.88}{+M}$ 8.16

MP 22 on 9:06 off 10:10
 $\frac{4.34}{+M}$ 7.62

NE 28 on 10:25 off 11:15 5.09

NQ 16 on 12:05 off 12:50 $\frac{4.77}{+M}$ 8.05

Sec (NE 34) on 1 pm off 2 pm $\frac{5.18}{+M}$ 8.46

6/104

5-2-00

KK

7/104

GPS Paul Burger Trail

Antennae Height = 6.72'

Start @ Triangle gas station in
Nisswa - traveling North

Odometer = 913.0

Bit = 10' - 11' wide

12' wide North of CR 112

10' wide North of 371

OVERPASS

12' wide North of 371

to beginning -

End @ "Crowley County" Sign
on #371

Odometer = 923.6

5-3=00°

K.K

GPS E CR 112 from intersection
of CR 11 - North

odometer = 934.6

end = 936.6

24' bit. / shlds.

GPS E CR 16 From R. edge
NB 1st.

od = 937.4

end =

24' bit. / 12' shlds.

8/104

West

Pin - 1/4" dia. - 12" wide

5-09-2000

SA

Clear 1000 62+

Clean (Control Mkt) 4.6' + M

time on

9:00am

H = 783

Himal (Control Mark) 4.53 + M

time on

9:05

H = 781

SQ 15

5.13 + M

green

C-M

9:10

H = 841

SE 14

5.68 + M

C-M

10:40

H = 890

EQ 14

4.72 + M

PK

4. Dist
Road

10:40 (Dist not back 3 sets only)

H = 800

#50

12:30

4.70 + M

PK

OWIS

798

NQ 14

12:30

4.97 + M

RRSPK

825

NW 14

2:00

4.82 + M

3/4" IP

810

Sec. 14-46-29

9/104

#53

2:00

4.75 + M

Sp. Ke

H = 803

Control

Clean

4.70 + M

H = 798

Deleted

WARNING 0027

CREATING Ephemeris HAS Stopped

INTERNAL message number 30

LOOK@ output file *.OUT

the two Quick Start
SESSIONS were deleted
other SESSIONS processed

OK

Don 5/12/00

DEE CADDY REQUEST

5-16-2000

Timothy Twp. 36

24

10/104

T138 R 28 Sec 36

Field (1760)

(260.85 GPS'd)

Spike

BS Field (1759)

0° 260.83
0° 260.83

Spike

SSI

1.) 202-55-10

129.56

5 Im.

2.) 495-50-2

129.57

NQ 36

(#1083)

mL 202-55-12



N

N

Field 2

Im. North Quarter of 36

SSI

5-17-2000

Timothy Twp.

24

Old grade

mon.

95

HI 4.55 + m

ON 9:20

OFF 11:50

783

TT 30 WN

mon.

94

HI 4.32 + m

ON 9:30

OFF 10:50

760

WQ 34

1" pipe/w cap

93

HI 5.04 + m

pdop 2.55

ON 9:45

OFF 3:05

832

NW 34

Spike

94

HI 5.00 + m

pdop 2.10

ON 11:05

OFF 3:00

828

NE 35

1" I.P.

95

HI 5.39 + m

pdop 2.41

ON 12:10

OFF 1:00

867

Field 2

Spike

95

HI 4.80 + m

pdop 2.70

ON 1:15

OFF 2:00

808

Field 1

Spike

95

HI 4.82 + m

pdop 2.25

ON 2:05

OFF 3:20

810

TIMMY 5-17 FILE

11/104

Sec	14	Ironlake Tsp	
#50	9:40	#94	4.59+M
	10:03		(787)
NER1	9:40	#95	4.36+M
	10:32		(764)
NQ14	9:40	#93	5.00+M
			(828)
NER2	10:40	#95	4.37+M
	11:30		(762)
WQR1	12:40	#95	4.39+M
	1:35		(761)
WQR2	2:10	#95	4.73+M
			(801)
			WQR1 - WQ14
			↓
B.S. WQR2	1) 152-28-17		149.88 149.88
T@WQR1	2) 304-56-48		
WQ14	M> 152-28-24		
			(GPS)
WQR1 - WQR2	296.75		(296.75)
	296.75		

5/18/00 12/104
PK Set: Steve Anderson

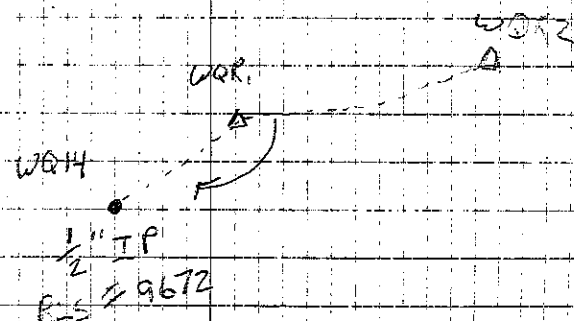
PK Set

RR Spike Found

PK Set w Shoulder GRD 22?

Spike set w end clearing

Spike set C access Rd



6-01-2000

Timothy Township

WQ 34 10 am 4.65+M
off 2pm

NW 34 10 am 4.60+M
2pm

Ran 1 4.40 10 M

Ran 2 4.25 10 M

*@ Ran 1 1) 212 45 01

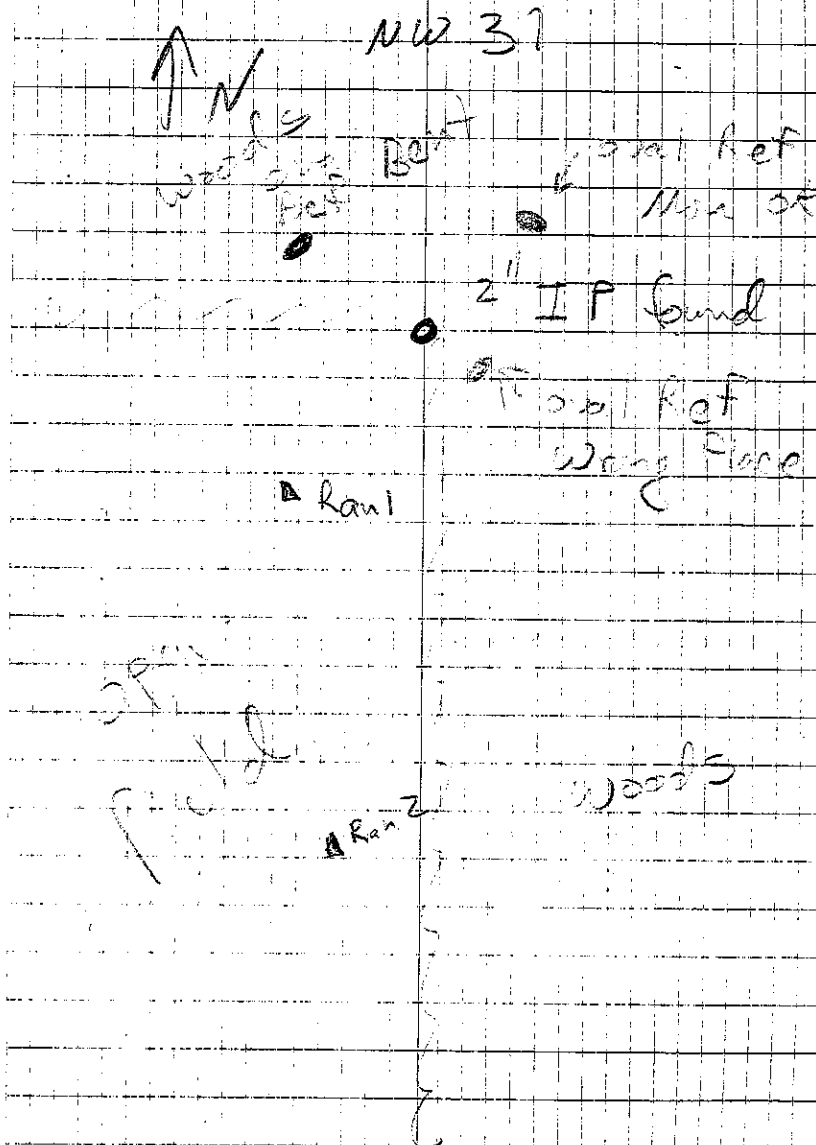
BS Ran 2 2) 65 29 55

NW 31 11) 212 44-58

Ran 1 - Ran 2 817.01

Ran 1 - NW 31 126.70

13/104



EMILY - TWSP Sec 9+10

Unit #94

"Access"

ON 10:30 AM

HI = 53⁴ + meter

862

ON 10:30 AM

1233

Unit 95

HI = 505 + 4 + meter

"Horse"
Session A

HI = 505 + 4

905

Session B

ON 10:40

Unit #93

HI = 546 + meter

"NW10A"

874

ON 12:30 PM

Unit 93

HI = 370 + 2 meters

NQ10

1026

ON 5:05 PM

Unit 93

HI = 476 + meter

WD10A

804

SIGBY/ANDERSON

6/7/00

14/104

ON 3:10 PM

"SW9"

FND OVAL CAP'D MON

HI = 360 + 2 meters

1016

on
Cards

Emily - TWP Sec 9+10

657⁷³

Ac 40

657⁷³

NW 10A

BS 45 0°

CP MAIL

44

1) 107-32-39

534⁸

FND CWC

2) 215-05-13

534⁸

Cim NW 10

1 m² 107-32-36

Ac 45

657⁷³

CP MAIL

BS 40

0°

NW 10A

41

1) 170-05-19

1440⁸⁸

WQ 10A

2) 340-10-32

1440⁸⁸

1 m² 170-05-16

Ac 41

1440⁸⁸

BS 45

0°

46

1) 184-16-11

528⁴³

FND 3/4" PIN

2) 8-32-18

528⁴¹

WQ 10

1 m²

184-16-09

528⁴⁰

SIGEN

ANDERSON

6/7/00

15/104

189-54-43 4LT

WQ 10A to NW 10A

2091⁸³ mens

Emily TWSP

Sec 9

Unit 95

H1=552+4+meter

ON 10:15

"MCA"

NORTH

ON 10:15

H1=529+4'

"WQ10A"

Unit #93

ON 10:15

Unit #94

"NW10A"

H1=541+4

ON 11:30 AM

H1=462+4+meter

"MCB"

SOUTH

SQ9 FND 1 3/4"

H1=221+4'+meter

PIPE IN TAM

Spruce Swamp

ON 2:20 PM

off 2:18 PM

SIGETY
ANDERSON

6/9/00

10/104

Ken Oftedahl

2029 Blue Lake Rd

Emily 56447

1-218-763-3477

ROSS LAKE TWP
Sec 23

Δ310 (866) CP NAIL Set
HI = 466 + 4' Unit #94
ON 10:15 AM
off

Δ309 (870) CP NAIL Set
HI = 470 + 4' Unit #94
ON 11:25 off

GPS Control PT "Volter"
Unit #95
HI = 470 + meter (798)
ON 10:10 AM off

GPS Control Pt "Stark Lake"
Unit #93
HI = 479 + 4' (879)
ON 10:10 AM off

Δ308 (885) CP Nail Set
HI = 485 + 4' Unit #94
ON 12:40 PM off 1:45 PM

SIGEN 6/27/00 17/104
ANDERSON

Δ307 CP NAIL Set
HI = 480 + 4' (880)
ON 1:55 PM off

Δ305 (NORTH) GPS NAIL IN
HI = 330 + 4' + meter Stump
ON 4:20 off 4:55 5:15
(1062)

Δ304 (South) GPS NAIL IN
STUMP
HI = 270 + 4' + meter
ON 5:30 off 6:10 PM
(1004)

ROSS LAKE TWSP
GPS CONTROL "VOLLER"

ON 9:00 AM HI=535+40'+meter
off

UNIT #95

1263

GPS CONTROL "STARK LAKE"

HI=546+40'

ON 9:00 AM off

UNIT #93

940

GPS CP NAIL A11 UNIT #94

HI=533+40'

ON 9:00 AM off 10:30

933

GPS CP NAIL A10 UNIT #94

HI=523+40'

ON 10:45 AM off 12:40 PM

923

NE23 FND RR SPIKE UNIT #94

HI=499+2 meters

ON 1:15 PM off 2:05 PM

11.55

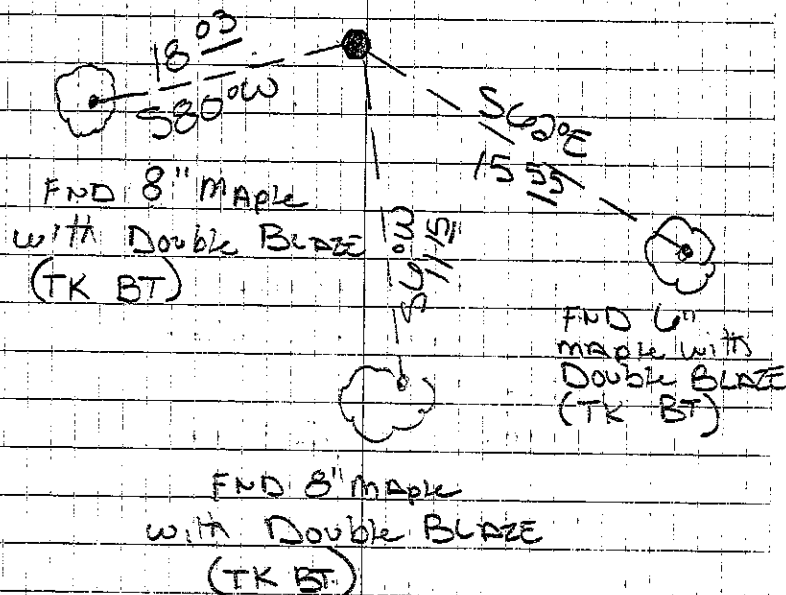
SIGEN
ANDERSON 7/11/00

18/104

NE23

FND RR SPIKE

Next to FEN POST



FND 1/2" PIPE ~~E023~~ E023

ON 3:25 PM

HI=408+2 meters

1064

Sec 30 NOKAY LAKE

7/24/00

SQ 30 FND 1" SQ MON

HI = 534 + meter

Unit #95

ON 10:45 AM

OFF 3:20 PM

"18B" CP NAIL

Unit #94

HI = 538 + 40

ON 10:45 AM

Unit 93

NW 30 FND CIM

HI = 539 + 40

ON 11:00 AM

NQ 30A CP-NAIL

Unit #94

HI = 477 + 400

ON 12:30 PM

WQ 19 FND 1" PIPE

HI = 543

ON 1:20 PM

NQ 30B

CP-NAIL

HI = 468 + 40

SIGETH
ANDERSON

7/24/00

19/104

7/25/00 GPS SESSIONS

WQ 30A CP MAG NAIL

HI = 501 + 40

ON 9:30 AM

NW 30 CIM FND

HI = 575 + 40

ON 9:30 AM

NQ 30B CP-NAIL

HI = 480 + meter

ON 9:30 AM

WQ 30B

HI = 469 + 4

SW 30 PK

PK - No 1

HI = 4.84 + 4

ON 10:45

OFF 11:36

7-26-2000

SG & SA

NoKay

SW 30 PK

ON 9:20
OFF

HI 4.96 + m

NW 30 Iron mon.

ON 9:20
OFF

HI 5.11 + m

Eye nail

ON 9:20
OFF 10:15

HI 5.00 + m

Dog nail

ON 10:20
OFF 12:00

HI 4.83 + m

Bog nail

ON 12:40
OFF 1:40

HI 4.60 + m

Frog nail

ON 2:15
OFF 3:00

HI 4.37 + m

20/104

7-26-2000

SG & SA
Nokay Lake

K 2 Bog

BS Frog

0°

94.51

94.51

Nail

Nail

SSI

1) 58-06-36

192.81

CIM

2) 116-13-22

192.81

ML) 58-06-41

21/104

1m

Frog

Bog

SSI

CIM

SE Sec 29

45-29

7-27-2000

Dewey

NW30

on

HI

5.31 + (M)

8:50

7 SWRS

PD 12:15

CIM SW30

on = 8:50

HI

5.27 + (4)

Eye

HI = 4.75 + (4)

on = 9:00

Lantern (MudT Corn)

HI = 4.79 + (4)

on = 10:00 am

#95

EQ21

1/2 JUNE

TIDE (B.G.)

HI

5.04 + (4)

One More

S1621

on = 12:23

HI

5.27 + (4)

NO28A

SPINE

on = 1:45

HI

5.11 + (M)

→

#95

22/104

Deer

CWC

Carroll

HI

5.07 + (4)

NOKAY LAKE
~~LONG LAKE~~ TWP
 D₅

NO28A

7-28-2002

Dewey

warm 70°

P.D.

* Lantern (Mud Control) on 9.10

HI = 4.80 + (M)

3.24
2.88

SE 33 (3/8 Rod (Spike?) F/US)

HI = 5.09 + (H)

P.D.

* Dog Spike 40 min

HI = 4.41 + (H)

Lantern - Same as Above

eye

HI = 4.59 + (H)

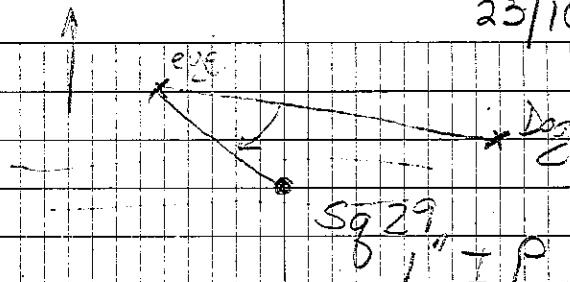
11028B

Spike

HI = 4.88 + (H)

(Spike Lake TWSP
NOKAY DS

23/104



T@ eye

BS (Dog)

339.91

339.91

(339.93
GPS)

Sg 29

(151)

1) 20 53 33

2) 41 47 10

M7 20 53 35

56.35

56.36

Points in NOKAY-TWSP. DWS

7/31/00

FAIRFIELD TWSP

CP NAIL "BULL 1" Unit #95

H1 = 535 + 40' + meter

on 12:40 pm

835

CONTROL "GREEN"

H1 = 549 + 40'

949

CONTROL "SLOPE"

828

off 2:20 pm

H1 = 550' + meter

on 1:35 pm

SE26

FND 3/4" IRON PIN

H1 = 573 + meter

on = 2:40 pm

901

CP NAIL "BULL 2"

SIGET
ANDERSON 8/1/00

24/104

SE Sec 25

on 4:08 pm

H1 = 531 + 40' + meter

1259

Set CWC 01m in place of

Bent 2 1/4" MON.

Fairfield TSP

Green lawn
Anderson 8-2-2000

Green

5.27

Slope - MDT Control

3.28

$$HI = 5.27 + \textcircled{M} =$$

8.55

Sq 25

9.30

$$5.30 + \textcircled{4}$$

SE 25

on 10.30

$$HI = 5.40 + 4$$

9.4

Bull 2

on 12:00

$$HI = 5.13 + \textcircled{2M}$$

off 1.00

$$\begin{array}{r} 3.28 \\ 3.28 \\ \hline 6.56 \\ 5.13 \\ \hline 11.69 \end{array}$$

Fielda

spoke near EQ 26 in Field

$$HI = 4.98 + M$$

$$\begin{array}{r} 4.98 \\ 3.28 \\ \hline 8.26 \end{array}$$

Delete Field 1 x x

EQ 35

Oval Cap man in Ditch

✓ed one Coulter tie

$$HI = 4.48 + 4 + M$$

$$\begin{array}{r} 4.48 \\ 4. \\ 3.28 \\ \hline 11.76 \end{array}$$

Fieldb

on 3.30 25/104

off 4.00

$$HI = 5.07 + M$$

5.07

3.28

8.35

FAIRFIELD: TWSP

NE 30 FND 2" IRON PIPE FLUSH
WITH ROAD

HI = 538 + 40'
ON 10:00 AM

938

Control "GREEN"

HI = 543 + 40'

ON 10:00 AM

962

Control "SLOPE"

HI = 522 + 2 meters

ON 10:10 AM

1178

SP22 FND 2 1/4" PIPE IN SWAMP

HI = 349 + 2 meters

ON 11:15

1005

NQ30 Solid Rod
With Stomper Cap ON 12:40

HI = 5.07 + 4 feeters

1226
15
30

907

SIGEN
ANDERSON

8/3/00

26/104

Coords

"Velvet" 284061.372
609146.640

"WARTZ" 283882.488
610997.963

ME

912 15

BS 0°

912 15

Control PT
"VELVET"

1) 358-30-05 45504

2) 356-59-54 45504

m 358-29-57

FND 1/2" PIPE NW 30

1) 182-45-10

9483830

2) 05-30-27

94830

m 182-45-14

Control "WARTZ"

8-4-2000

Fairfield

Dewey
on the jobClear
warm

27/104

~~NE36 (cwc - ctm)~~~~HI = 4.89 + 4'~~~~Farmer Moving hay
can't occupy C~~

Slope (MudT Contol)

HI = 4.42 + 4'

8.42

P.5

SE26

Iron Pin

HI = 5.58 + M

8.86

Bu 12

HI = 4.91 + M + M

11.47

FAIRFIELD TWP

CONTROL "GREEN"
 9.00 H= 5⁰⁰ + 4⁰⁰ ON 10:30 AM

NE 30 1/2" PIPE
 H= 5²⁷ + 4⁰⁰ ON 10:30 AM
 9.27

FLOWER 1 @ NE 22
 ON 10:30 AM
 5²² + 2 meters 1178

FLOWER 2
 3⁶⁸ + 2 meters ON 1:10 PM
 10.24

11.61
 5¹¹ + 2 meters CP "JOE"
 MAG NAIL Set SO. SIDE DRIVEWAY
 APRON TO BLUE HOUSE WEST SIDE
 HWY 6 N. NORTH OF NORTH LINE
 SEC 22

CP NAIL "JOE 2"
 H= 4⁹⁸ + 4⁰⁰ + meter 8.98
 QUICK START ON 8:50 PM

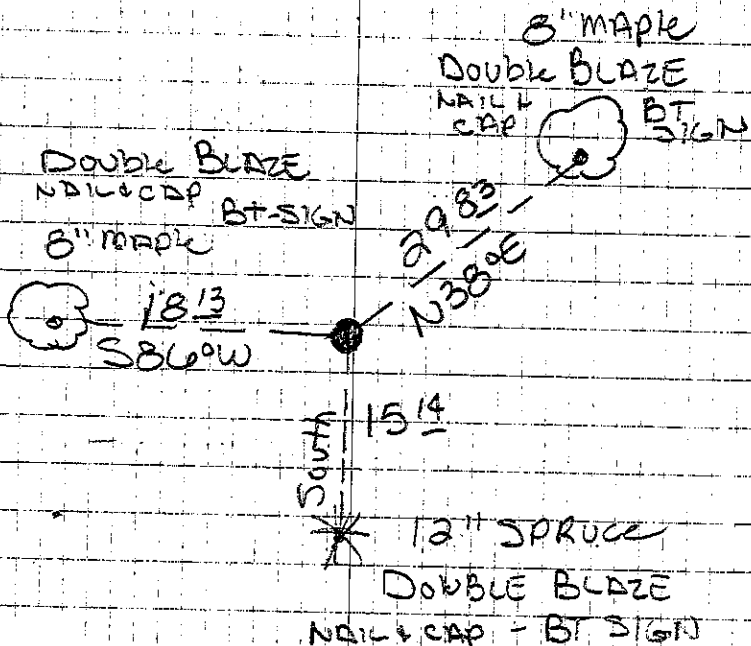
SIGET
 ANDERSON

8/7/00

28/104

19404
 19405

AE BS 0° 10131 CP FLOWER 1
 1) 197-32-42 10130 CP FLOWER 2
 2) 35-85-04 FND 2 1/4" PIPE
 m 197-32-3132 NE 22



NE SEC. 22 FND 2 1/4" PIPE WITH
 SEC COR CAP SAME TYPE MON
 AS FND FOR NE SEC 26
 ON CALDS
 5/14/04

Don

FAIRFIELD - TWSP

'GREEN' Control (931)

H1 = 532 + 400 ON 9:00 AM

Rm END 2 1/4" REF MON
ON EAST of Sec 22 NORTH SIDE MUD
LAKE

H1 = 484 + meter (812)
ON 9:00 AM

CP "JOE" (928)
H1 = 528 + 400 ON 9:00 AM

NO 22 CWC SPTUBE Set

H1 = 414 + 40' + meter (1142)
ON 11:20

Control "SCOPE"

ON 12:45 H1 = 544 + 2 meters

(1200)

SIGEN
ANDERSON

8/09/00

29/104

Set CWC SPTUBE from Mn

Dot ties

END 2 1/4" PIPE Lying down

Mn Dot TIE

1647 N80°E

123

Mn Dot
TIE

NAIL + CAP Mn Dot
TIE

Mn Dot tie

END Stump

1655
TRIPLE S68E
BUROAK

CP NAIL "MUD"

H1 = 494 + 40' + meter
ON = 105

(1222)

8-9-2000

SG & SA

Fairfield Twp

Slope mn Dot mon.

ON 10:00

OFF

HI 5.00 + m

Green mn Dot mon.

ON 10:00

OFF

HI 4.84 + m

Point A [nail]

ON 10:35

OFF 12:05

HI 4.72 + m + 4'

Rm 34 2" IP.

ON 12:23

OFF 2:05

HI 3.52 + 4'

COORD. West 1/4 Sec 22

N 286211.809

E 625408.3562

8-10-2000

SG & SA

Fairfield Twp

30/104

Slope mn Dot mon.

ON 10:00

OFF

HI 4.84 + m

812

Joe PK

ON 10:00

OFF

HI 4.84 + m

812

Rms 2" IP.

ON 10:00

OFF

HI 3.58 + m

686

Pine

ON 2:15

OFF 2:50

HI 5.23 + m + mirror
3.68

891

Oak nail

ON 2:50

OFF 3:30

HI 4.50 + m

778

8-10-2000

G. V. Jones
A. J. Jones

clear
win

Rm N Side	1675
-----------	------

Rev. 6-2-1961

21-23

2" If less

6" Basswood

520

50

ON CARDS

5/14/04

Don

For E side: Day

10-11-66

500 (25-26)

As

1052

5

4th

ON CARDS

5/14/04

1/7/01
DAN

Fairfield

31/104

QPS

56

21

50222

36

2

Sec

34 GRS

35 G ps

8-10-2000

SGE SA

Fairfield Twp

K DPTA

BS 34

0°

604.52

604.51

na

2.10

SSI 58 1) 203-28-25

10.85

2.10

2) 46-56-13

20.84

ML 23-25-7

K DPTA

BS 34

0°

604.52

604.51

na

2.10

SSI 35 1) 21-12-28

10.7.51

2.10

2) 42-24-46

10.7.51

ML 21-12-23

8/10/00

32/104

1N

K

PTA

34

DTE

K

1N

34

35

8-10-2050

Fair - 100

2" ID

72 34

BS PTA

0°

604.52

604.52

Nail

2" ID

BS 56

1) 200-55-31

684.22

2) 221-50-47

684.22

m4 110-55-24

33/104

PTE

56

72 34

8-10-2000

Fairfield Twp

66.5A

34/104

K.O. Oak

BS Pine

0°

221.64

221.64

NA:

NA:

SS1 NW22 1) 158-38-22 101.40

2) 317-16-48 101.40

ML 158-38-24

2" IP

1N

Pine

NW22

K. Oak

FAIRFIELD TWSP

(GPS 30679)

AC45

BS46

0°

CP FIELD A

CP FIELD B

29

170-10-39

6748

EQ 26

Cim Sot

5" Red Oak

N45°W

21.65

C560W

Iron Fence Cor

8.35'

So + CWC CTX

Eq 26

Dowr .3'

2" C-1x

Hard Cor

Nasty

ON CARDS

5/14/04

Don

S

8-11-2000

8/11/00

35/104

Elope

HI 4.60 + m

788

Joe

HI 4.77 + m

805

WD 22

2" IAF = 37

HI = 1.53 + 1.5'

833

St. Mathias TWSP
CP- CLAYTON 1

485 + meter
ON 10:30 AM

813

Control "9-DEM"

400 + 40'

ON 10:30 AM

862

Control "STRIEFF"

ON 10:30 AM
540 + meter

868

CP. Hwy

HI = 500 + 400'

ON 12:00 PM

900

CLAYTON 2

HI = 470 + meter ON 1:20 PM

800

NQ1211 FND NAIL with plastic

HI = 480 + meter RES CRO
COULD NOT
READ NUMBER

814

ON 2:45 PM

SIGBY
ANDERSON

8/14/06

36/104

TE

BS

1)

2)

ms

2041 90

2041 91

79 14

79 12

Control "9-DEM"

Control "STRIEFF"

CWC C1M

NEZ3

Fnd 2" IF

ON = 4:PM

HI = 5.14 PM

842

ST. MATTHIAS - TWSP

AC100 1418⁸⁵ MAG-NAIL

BS101 0° FND CWC

105 D 177-57-39 688-43 Cim SW 11

2) 355-55-16 688⁴³ ↓

ms 177-57-38

AC101 1418⁸⁵ CP-NAIL

BS100 0° MAG-NAIL

102 D 179-14-38 1067⁶⁰ CP-NAIL

2) 358-29-14 1067⁶⁰

mk 179-14-37

106 D 176-46-54 527²⁵ CWC CIM

2) 353-33-43 527²⁶ WQ 11

mk 176-46-52

AC102 1067⁶⁰ CP-NAIL

BS101 0° CP-NAIL

103 D 178-20-42 892⁴² CP-NAIL

2) 356-41-21 892⁴²

mk 178-20-40

AC103 892⁴¹

BS102 0°

104 D 185-03-28 681²² CP-NAIL

2) 10-06-50 681²²

mk 185-03-25

SIGETY
ANDERSON

8/14/00

37/104

CP
MAG-NAIL (101)

ST. MATTHIAS TWP

RP104 68122 CP-NAIL
BS103 0° CP-NAIL

D 167-48-18 535³⁰ Control Pt.
2) 335-36-32 535³⁰ "9 DEM"
m x 167-48-16

* 8/15/00 GPS SESSIONS

NE 12 80° NAIL 8-E 131-45
HI=544+4⁰⁰ (844)
ON 9:00AM

Control "STREIFF" (884)
HI=1550+meter ON 9:00AM

CP-NAIL "GILLEY" (1260)
HI=540+8⁰⁰ ON 9:15AM
METER+4⁰⁰

CP-NAIL "JACK" (824)
HI=490+meter ON 11:00AM

CP-NAIL "WOOD" (820)
HI=492+meter ON 12:25pm

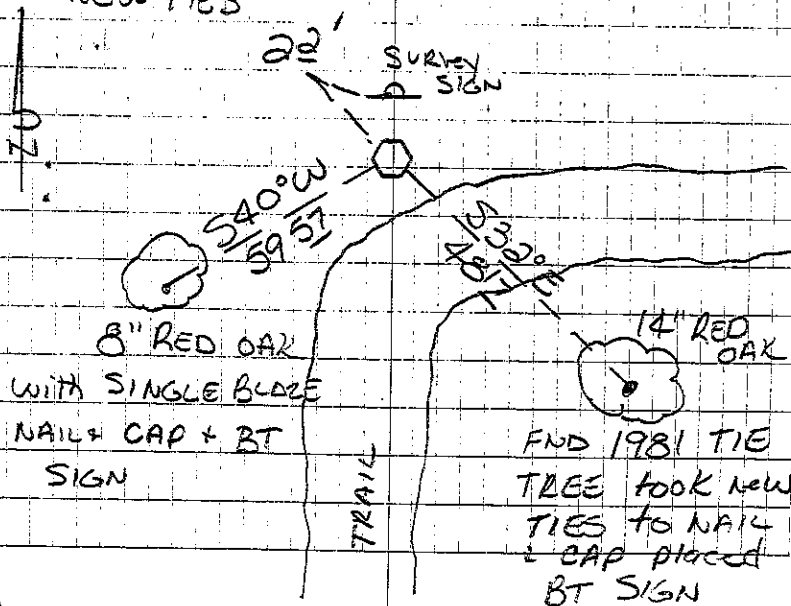
SIGETY
ANDERSON

8/14/00 38/104

RP BS TEMP "A"
TEMP "B"
D 212-07-09 3643 FND
2) 64-14-0409 1/2" IRON PIPE
m x 212-07-04 RLS# 17253

SE 12

Set CWC CIM in place of FND 1/2"
PIPE RLS# 17253. FND BENT ROUND CAP
2" MON in Hole. NW + NE + SW REF MON
(OVAL CAPS) FND BENT & DISTURBED
NEW TIES



ST. MATTHIAS TWP

TE 107 91994 Random CP-NAIL

BS BS108 0°

110 D 153-28-24 14549 GAS PT.

2) 306-56-49 14549 "GILLEY"

m 153-28-24

111 D 182-00-18 10090 CWC CIM Set

2) 04-00-30 10090 SE 12

m 182-00-15

TE 108 91995 CP-NAIL

BS 107 0° 91995 CP-NAIL

109 D 181-16-17 CP-NAIL

2) 2-32-24 162728 2" PIPE FND

m 181-16-13 SW 13

109 D 181-16-06 162728

2) 2-32-13

m 181-32-06

SIGEN
ANDERSON

8/15/00

39/104



FND TWIN 6" ELM
with BUZZE & NAIL

1987 KERICK BT

FND 6" ELM

with BUZZE & NAIL

8245

5720W

7135

Set CWC 50 TUBE
in place of

FND 8" ELM

with bloze
NO NAIL

FND 3 1/2" PIPE in Swamp

AS witnessed by FRED Buhl with
TONY KERICK - GPS'd

178-43-57 KLT

2ND Set

8/16/2000 Anderson

Cow E Random Spike $n=9.30$
 $HI = 4.68 + 4 = 8.68$

Strieff Control $n=9.30$

$HI = 5.32 + M = 8.60$

HWY (Punching Down) $n=9.30$

$HI = 4.73 + 4 = 8.73$

SE 11 2X2 S5 $n=9.30$

$HI = 4.36 + 4 = 8.36$

$on = 10:40$ $off = 11:35$

SE 12 Nail on CR45 $n=12:00$

$HI = 5.27 + 4 = 9.27$

COWW

Random SF SC

$5.06 + M =$

8.34

$on = 12:55$

EQ 12

$5.13 + 4 = 9.13$

8-18-2000

St. Mathias

SGE SA

40/104

Strieff mon.

$HI = 5.01 + m$

Tam 1 Nail

$HI = 4.65 + 4'$

Clayton 2 Nail

$HI = 4.75 + m + \text{reflector}$
 $3.48'$

NW 2 CIM

$HI = 5.54 + m$

8-18-2000

St. Mary's

P. E. SF

Sec 12

(60327 GPS)

X @ Cow W

BS Cow E

0°

103.28

103.29

Spice

Spice

SSI

1.) 183-29-15

1123.32

Placed

2nd

2.) 6-58-28

1123.32

NW Sec 12

1 m 183-29-15

Entered 8/18/00

Don
S

8/18/00

41/104

1N

NW Sec 12

Cow E

X Cow W

8-18-2000

SG E SA

St. Matthias

Sec 12

(GPS 80148)

N2

Clayton

BS

Clayton

801.46
801.46

Spike

Spike

SS1

57-39-36

(71.47)

2" Tube

23 115-19-43

71.51

QC

✓ ML 57-39-52

11-12

8/18/00

42/104

Clayton 2

1N

Set
2" Tube

X Clayton

8-18-2000

St. Mathias

SGE SF

(603.27 GPS)

x @
Cow E

ES

0° 603.28
603.28

Set pin

Set pin

SSI

1) 184-14-18

V 933.48

Set pin

2) 8-29-01

933.44

NO 12

ML 4-14-31

184-14-31

Entered 8/21/00

Don
S

8/18/00

43/104

1W

x @ Cow E

Set pin

St. MATHIAS TWP

CP Cow-west
HI = 494 + 40'
ON 9:20 AM

894

Control "9-DEM"
HI = 483 + ~~1~~ 2 + 4'
ON 9:20 AM

883

NW 2 C1M
HI = 592 + 2 meters
ON 9:35

(GPS 204198)

7E (2)

B3 (2) 0°

204190

"STREIT"

"9-DEM"

- (23) 1) 170-33-51 659 WQA
2) 241-07-54 659 C1M FND
1) 170-33-51

7E (3)

(GPS 46109)

GPS "JACK"

(5) 0°

46107

GPS "WOOD"

21 (62-13-04) (18530) SQ 12 Set
CWC TUBE

62-13-15

18533

SIGEN
GRimm

8/23/00

44/104

10" JACK PINE
with Double BLAZE

NAIL & CAP

SURVEY SIGN
2 NORTH

SQ 12 Set CWC SOTUBE

12" RED OAK

with Double BLAZE
& NAIL & CAP

50 LAKES TWP

Sec 25

Rmws

H1=490 + 1 meters

(818)

END CAPD 1/2" PIPE # 5852

Coulter RM to NORTH LINE

Sec 36 ON 10:45

Control Mon "Station"

1 H1=523 + 400

(923)

ON 10:40

Control Mon "MANGER"

H1=514 + 2 meters

(1170)

ON 10:50

RP100

49488

CP-NAIL

BS 101 00

49487

(15) 1) 164-52-14 20047 END AXEL

2) 329-44-27 20047 FLUSH with

1m3 164-52-14 Ground

EQ 25

CHECKED ties to SW SHED

Cor & NW OLD HOUSE

OK

SILETH
Grimm

8/24/00

45/104

GPS 102

(808)

H1=480 + meter

ON 12:30 pm

WD 25

H1=543 + 400

ON 1:20

(943)

GPS 103

Control NAIL

H1=479 + meter

ON 2:15 pm

(807)

50-LAKES TWSF

Sec 25

AC101

49487

CP-NAIL

BS100

0°

CP-NAIL

102 1) 169-50-32 79539 GPS-PT 102

(16) 2) 339-40-00 79539

m3 169-50-30

AC102 (16)

79538 GPS-PT 102

BS101

CP-NAIL

103 1) 182-21-12 111497 GPS-PT 103

2) 04-42-22 111497

m3 182-21-11

SIGEN
Grimm

8/24/00

46/104

MAPLE GROVE TWP

Control "MAPLE AZ" Unit #95

NI = 464 + 2 meters

ON 11:40 AM

1120

(NE3) SW 35 3/4" IRON PIN
NI = 571

FND

PREVIOUSLY GPS'd

PLATIE LAKE

ON 11:40 AM

NW35 Replaced Broken
NI = 556 CIM with NEW
CIM

NQ35 FND 1" PIPE
LEARNER Set CWC

NI = 448 + 4 + meter SPOULE tube where
it went into GROUND

1178

file C:\maple-grove\8-28-00

SIGETH
GRIMM

8/28/00

47/104



10" WHITE OAK

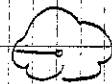
Double BLAZE

NAIL + CAP + BT
SIGN

5435
5436
5437



5865



12" WHITE
OAK with Double

BLAZE NAIL + CAP
BT SIGN

Maple Grove

(NE5) NW 4 Plate Lake
H1.554

ON 12:48~~50~~ pm

SW 35

H1.584 + meter

ON 12:50 pm

912

SK11

H1.553 + 2 meters

ON 12:50 pm

1208

SK12

H1.05 + 2 meters

1001

SIGEN
ANDERSON

8/31/00

48/104

MAPLE GROVE TWP

NW 35
H1=584

ON 9:30 AM

SW 35

H1=591

ON: 9:30 AM

~~SE 36~~

~~END ROUND~~

~~ON 9:35 AM~~

~~Cap'd MON~~

~~H1=606~~

Clover 1

ON 10:05

H1=495 + meter

Clover 2

ON 11:20 AM

489 + meter ON 11:20 AM

NE 36

H1=384 + meter

END ROUND CAP'd MON

5 iron 1m

SIGGET/
ANDERSON

9/5/06

49/104

(23774 GPS)

RE CLOVER 1

BS CLOVER 2 0°

23788

GPS NAIL

GPS NAIL

1) 122-48-53

10722

SE 36

2) 245-37-37

10723

SE 36

mk 122-48-48

SE COR Sec 36

2/2/2007

CERT

45°13

45°00

44°45

END ROUND CAP'd
MON

END BOVAL CAP'd Ref MONS

MAPLE GROVE TWSP

GPS
(19284)

TR 7

BS 2

0°

51

~~188-06-50 8889~~

188-05-01 8881 Set SQ TUBED
MON

SIGETY
ANDERSON

9/4/00

50/104

NE COR Sec 35

Set CWC SQ

TUBE

8" ASH with

Double BLAZE

BT SIGN/
NAIL CAP

48°E/
N 112°

EAST
32 28

8" ASH

with Double BLAZE
BT SIGN/NAIL CAP

7" ASH with
Double BLAZE
BT SIGN/NAIL CAP

Maple Grove 9-7-2000

NW 35

on 10:30

CWE

CIM

HI 6.04

NE 3

5/8" IRON Rod

HI-574

on 10:30AM

NE 35

459 + 3 meters

Maple-Grove ^{5/104} 9-8-2000

NE 3

Fr Iron Rod

on = 13:00

HI = 5.46

Maple Az

USGS

on = 13:00

HI = 4.91 + (4)

Shepherd

MWD

4.97 + (4)

on = 13:10

9-11-2000

Dewey

Ideal Township

NE 34

Found 4" Laser
in FDSH. Checked
+100 ties.

#94

HI = 5.35 + None

on = 9:50

ONLY

#95

HI = 5.06

+2M

Cwe Control

1162

on 9:50

Northview

#93

Cwe Control

HI = 5.01

+4' + M = 1229

on = 9:56

NE 35

1 1/2" IP

CC

checked
2
ties

#93

HI = 5.77 + 4'

on = 11:15

#95 EQ 35

RR Spike

CC

checked
no
ties

HI = 5.15 + M

on =

12:30

843

52/104

Cwe Control

Highview

5.03 + (4)

on = 2:00 pm

NE 28

840

Cwe
CIM & Rd

5.15 + M

on = 3:00 PM

OK
not
that
goodnot
good
SKU

9-12-2000 Dawey

9.62 I deal - GPS

NE 35 #94 P.O.

$$HI = 5.62 + (4) \quad on = 9:30$$

OHLY $\begin{matrix} 3.28 \\ 3.28 \\ 3.28 \\ 3.28 \\ 3.28 \end{matrix}$ P.O.

$$HI = 5.06 + (2M) \quad on = 9:30$$

NE 24 Found RLS capped IP & Town signs
HI = 5.25 + ~~4~~ $\begin{matrix} 9.25 \end{matrix}$ on = 9:40

EQ 13 #94 Found 2nd IP 7 S B.T
HI = 5.40 + M + $\begin{matrix} 7.28 \\ 5.10 \end{matrix}$ on = 11:00
 $\begin{matrix} 12.68 \end{matrix}$

Moon lite CWE Control

$$HI = 5.62 + M \quad on = 12:00$$

$\begin{matrix} 3.28 \\ 8.90 \end{matrix}$

EQ 23 3.28 14" IP Side of Road
HI = 5.22 + M on = 1:30
 $\begin{matrix} 8.50 \end{matrix}$

53/104

11 ay Ball in Bit

NE 22

on = 2:30

$$5.20 + 4 = 9.20$$

2-13-00
Ideal GPS

Down on duty

Drift wood

#95

cwc control

3.28

$$HI = 5.26 + M = 9.54 \quad \text{on} = 9:50$$

Bertha

#93

cwc control

$$HI = 5.20 + 4 = 9.20 \quad \text{on} = 9:50$$

SI 31

#90

1/2 = P = 3 m / R

$$HI = 5.31 + 4 = 9.31 \quad \text{on} = 10:05$$

ved
two times

SW 31

#95

1/2 = P = 3 m / R

$$HI = 5.72 + 4 = 9.72 \quad \text{on} = 11:20$$

EQ 30

#93

spike E E
ved 2 times

$$HI = 5.03 + 4 = 9.03 \quad \text{on} = 12:30$$

NE 31

2" IP w trees

$$5.35 + 4$$

54/104

EQ 29

855

Mag Nail in Bit

$$5.27 + N =$$

2:30

NE 29 BORT

RLS capped Pipe

0.2' from spike

on = 3:20

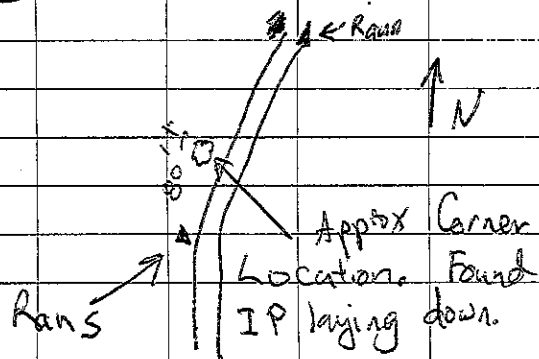
Ideal GPS 9-14-00 Dewey OD
NE 29 P.O.
5.32 + M on = 9:30

NE 22 Mag Nail in Bit
5.26 + 4 on = 9:30
Did not ✓ ties - No info trees
w. in me

ONLY P.O.
5.07 + 2M on = 9:40

NE 10 IP In PDSH
5.25 + 4 on = 10:00

Rans Random
5.06 + 2M on = 12:50



(55/104) see ~~Scetch~~ Scetch 55/104
Rann Mag nail in B.T.
5.06 + 4 on = 2:40

Ideal-GPS

9-15-00

Dewey OD

EQ3

#93 3.28

5.47 + M

8.75

RR spike

on = 9:50

#95

NE 10

5.25 + 4

9.25

P.O.

on = 9:50

#94 (Rans)

Ran 8

5.10 + 4

9.10

P.O.

on = 9:50

#94

ODGRADE

CWC Control

HI = 5.12 + 4 = 9.12

on = 11:00

NE 34T (Timothy)

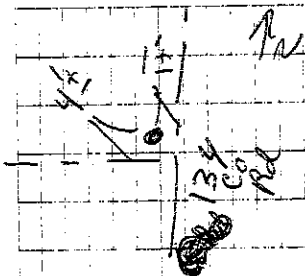
CWC CIM

HI = 5.47 + M =

8.75

on =

56/104



Spring

HI = 5.39 + 4

9.39

CWC Control

Excellent

on =

Sky

!!

Stop

HI = 5.13 + 4 =

8.41

Spike CWC

on = 2:00

Tall Pine

9.04

Spike

CWC

CHL PT

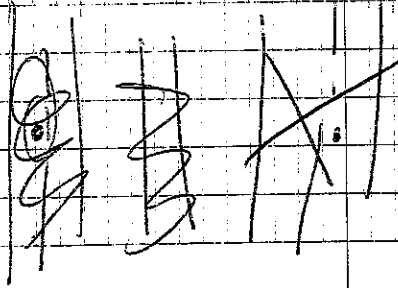
HI = 3.04 + 4

on = 3:10

good
sky
←

Kodak 400

543-4835



Ideal GPS 9-18-2000 Dewey OD

Stop

HI = 5.16 + 4 (94)

P.O.

on = 9:50

Tall Pine

5.18 + 4

(918)

on = 9:50

Spring

5.38 + M

(866)

CWC C+1 P+

on = 9:55

TT21WM

4.75 + M

(803)

USGS

on = 11:00

NW7

4.86 + 2M

(1142)

CWC CIM

on = 12:00

NE6

5.30 + 4'

(930)

Spike with straddles

on = 1:45

NW6

4.93 + 4

(893)

on = 2:00±

571104
Spike with Straddles

Ideal-GPS

9-19-00

Dewey OD

58/104

Highview

cwc ctl

5.374 M

8.65

on = 11:40

NE35

5.74 + 4

9.74

PO

on = 11:40

SE33

4.86 + 4

8.86

1" IP

on = 11:50

~~New Session~~

NE29

5.22 + 4

2" Capped Pipe

next to

any
spike

on = 2:20

Driftwood

5.13 + 4

m = 2:20

ties don't
← work very
well.

NW7

4.99 + 2 M

11:55

on = 2:25

SEC 30 LONG LAKE TWP

AC300 1135⁸² SPIKE FND NW
 BS 299 0° 1135⁸³ CP NAIL
 301 1) 89-54-24 CP NAIL
 2) 179-48-45 1073³⁴
 1/2 mx 89-54-22 1073³⁴

AC301 1073³⁴

BS 300 0°
 302 1) 181-07-19 903⁸⁷ CP NAIL
 2) 02-14-31 903⁸⁷
 1/2 mx 181-07-14

AC302 903⁸⁷

BS 301 0°
 303 1) 180-00-11 910⁴² CP NAIL
 2) 00-00-22 910⁴²
 1/2 mx 180-00-11

AC303 910⁴²

BS 302 0°
 304 1) 180-00-28 1005⁸⁰ CP NAIL
 305 2) 00-00-52 1005⁸⁰
 mx 180-00-26

SIGETH
ANDERSON

9/25/00

59/104

SEC 30

4LT 178-52-44

179-59-53 4LT

Sec 30 LONG LAKE TWP

9/25/00

60/104

RE 305

1005⁸⁰

BS 303

0°

306 D 180-56-07 1388⁶³ SPIKE FND

a) 01-52-10 1388⁶³ SW 30??

\ mx 180-56-05

RE 306

1388⁶³

BS 305

0°

307 D 89-11-53 1044⁷⁰ CP-NAIL

a) 178-23-42 1044⁷⁰

\ mx 89-11-51

RE 307

1044⁷⁰

BS 306

0°

308 D 180-24-14 984⁶⁸ CP-NAIL

a) 00-48-23 984⁶⁸

\ mx 180-24-12

RE 308

984⁶⁹

BS 307

0°

309 D 180-56-45 870¹⁵ CP-NAIL

a) 1-53-31 870¹⁵

\ mx 180-56-45

179-03-27

Sec 30 LONG LAKE TWP

9/25/00

01/104

RE309

870¹⁶

BS308

0°

310 1) 177-45-22 859⁹⁸ CP-NAIL2) 355-30-43 859⁹⁸

\ mk 177-45-22

1) 175-05-11 117⁶⁸ PIPE END2) 350-10-17 117⁶⁸ SQ 30??

\ mk 175-05-08

RE310

859⁹⁸

BS309

0°

311 1) 180-47-08 994⁵⁴ CP NAIL2) 01-34-27 994⁵³ @ West

\ mk 180-47-13 OK DON END of

14

S

NEW CULVERT

RE311

BS310

0°

994⁵³

312 1) 182-52-14 CP NAIL @

2) 05-44-21 22 910¹⁸ INTERSECTION\ mk 182-54-15 11 910¹⁸

52

RE312

910¹⁸

BS311

0°

313 1) 84-14-13 946³⁴ CP-NAIL2) 108-28-25 946³⁴

\ mk 84-14-12

1) 179-12-46 XLT 2nd set

2) 358-25-37

mk 179-12-48

XLT

177-07-52

Sec 30 LONG LAKE TWP

9/25/00

62/104

AB313 946³⁴
 BS312 0°
 3/4 D 183-30-55 1098³⁴ CR NAIL
 2) 07-01-54 1098³⁴
 mx 183-30-57

AB314 1098³⁴
 BS313 0°
 3/5 D 175-45-02 854³⁴ CR NAIL
 2) 351-29-59 854³⁵
 mx 175-44-59 use 175-45-05
 04

AB315 854³⁴
 BS314 0°
 3/6 D 183-56-28 996⁷⁴ CR NAIL
 2) 07-53-05 996⁷⁴
 mx 183-56-32 use 183-56-28
 DON

AB316 996⁷⁴
 BS315 0°
 3/7 D 180-32-20 1400⁶¹ CR NAIL @
 2) 1-04-41 1400⁶¹ INTERSECTION
 mx 180-32-20 180-32-14 use *
 DON

D 184-14-52 XLT 2ND Set
 28-29-51
 mx 184-14-55 U
 50

2ND Set
 D 183-56-33 170-03-31 XLT
 2) 7-52-57
 mx 183-56-28

2ND Set
 D 179-27-46 XLT
 2) 358-55-33
 mx 179-27-46

Sec 30 LONG LAKE TWSP

NE 317

1400⁴¹

BS 314

0°

318 D

89-25-13

81163

CP NAIL

a)

178-50-27

81163

✓ mk

89-25-13

NE 318

81163

BS 317

0°

319 D

180-22-04

92630

CP NAIL

a)

00-43-56

92630

use

mk

180-22-58

180-22-05

* ok ✓

21

Don

NE 319

92639

BS 318

0°

320 D

177-52-08

92045

CP NAIL

a)

35544-18

92045

✓ mk

177-52-09

NE 320

92045

BS 319

0°

321 D

182-13-14

88883

CP NAIL

a)

04-26-24

88883

✓ mk

182-13-12

9/25/00

63/104

4LT 270-34-45

2nd Set

D) 179-37-53

4LT

a) 359-15-50

mk 179-37-53 ✓

4LT 177-46-52

Sec 30 LONG LAKE TWP

9/25/00

64/104

NE 321 88884

BS 320 0°

322 1) 183-55-47 920⁸³ CP NAIL

299 2) 07-51-30 920⁸²

1 m 183-55-45

* side shot *

NE 321 920⁸³ Fnd 1/2 1/2" 50

BS 322 0° Mon NP 30.7

299 1) 176-15-35 88947 Bde + let ??

2) 352-31-11 88947

m 176-15-35

NE 299 920⁸²

BS 321 0°

300 1) 174-16-31 1135⁸¹ Spk. FND

2) 348-33-02 1135⁸² NW Sec 30

1 m 174-16-31

C-SPROD @ FEN N+S 358-56-13
88955

Sec 30 LONG LAKE TWP

"Long 299"

834

HI = 5.06 + M

on = 9:20

Next Station "Fork"

1199

HI = 543 + 2 meters ON 9:20 AM

Control Point "TOWNHALL"

HI = 509 + 4'

ON 9:20 AM

909

SE 20 PREV GPS8
Long Lake

HI = 523 + 4'

ON 11:25 AM

922

894 CP NAIL 317 "Long 317"

HI = 494 + 4'

ON 12:30 PM

CP NAIL 312 "Long 312"

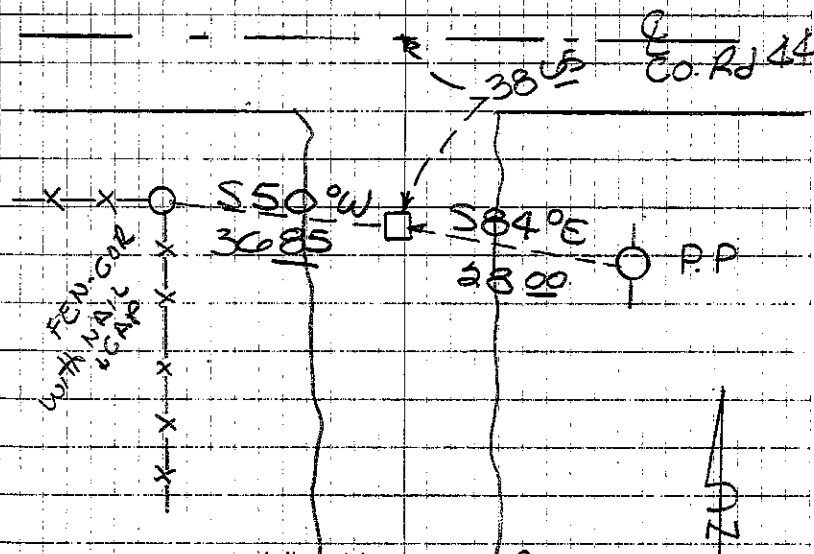
HI = 534 + 2 meters ON 1:35 PM

1192

SIGEN

ANDERSON 9/20/00

65/104



FND 2 1/2" x 2 1/2" SQ MON.

NE Sec. 30 BARTLETT COR

TP 317

81163

BS 318 0°

1) 278-28-33

58 68

FND 2 1/2" x 2 1/2"

2) 196-56-57

58 68

SQ MON

m x 278-28-28

BARTLETT COR

NE Sec. 30

Sec 30 LONG LAKE TWP

9/26/00

66/104

E Rd

Co Rd 44

1950

FND 1 1/2" x 1 1/2"

SO MON

NQ 30

BARTLET

3/30
5/05

P.P.

with NAIL & CAP

6" Poplar

with Double

BLAZE / NAIL & CAP

Long Lake Township Sec 30 9/27/00

3.28
3.28

Long 312

4.96 + 2M

3.56
11.12

on = 9.30

NE33

5.34 + 4

May rail in end of

on = 9.30

Long 317

P.O.

HI = 4.93 + 4

on = 9.35

0028

(QS)

5.58 + 4

2" IP 6' E E on

on =

16SW28

6.61 + 4'

2" IP Down 20"

Tipped HARD to W

Nested in large Rocks

Could not uncover more than top

67/104 Chaled 1 tie

1" IP E top

SE33

5.65 + 4

broken off

2" IP

Fence to W

Could be off

1" IP

28

Long Lake GPS 9-28-00
SW 31 ~~7504~~ ^{3 away}

845

5.17 + M

on = 9:30

Long 312

1104

5.08 + ZM

on = 9:30

Long 317

902

5.02 + 4

on = 9:30

16 SE28

1050

4" Cap on Iron

Down 20" on W

6.50 + 4

on = 10:30

Fork

895

4.95 + 4

on =

EQ28

1014

Spike down 20"

6.14 + 4

on =

HOUSE

894

4.94 + 4

Spike Set near

on =

Cowpie

4.84 + 4

884

on = 3:45

Spice 68/104

Long

etc etc

checked

7:0

SE31

Oaklawn - Sec 26

10/2/2000	Dewey
-----------	-------

69/104

Pessek

MnD+ Control

$$HI = 5.05 + M$$

OH = 2:20

8.33

lies dont work

NW 26

8.93

Spike ££

$$HI = 4.93 \div 4$$
$$O_n = Z:ZO$$

Big bale

8.19

Random Spike

$$HIC = 4.79 + 4$$

near SW Cor

ON = 2:20

[illegible]

Oak lawn - Sec 26

Oct 6 2000

Dewey

70/104

MP 135

4.7 + M
3.28

7.98

Control

9.50

Big Bale

4.87 + 4

8.87

9.0

9.40

NW 26

5.24 + 4

9.24

Spike (P.O.)

on = 9.40

SE 26

5.53 + M
3.28

8.81

CWC CIM

jet
ties

on = 11:00

NE 26

5.07 + 4

9.07

CWC CIM

on = 12:30±

Bale Nor

4.84 + 4

8.84

Spike - Pair to Big Bale

Long lake GPS

10/09/2000 Dewey

711104

Long 312

7.94

4.28 + 11

8.50

3.28

SW 31

9.28

Cwe CIM

5.28 + 4

8.50

Thistle 1 (Closest to corner)

4.97 + 4

8.97

m = 9:10

Thistle 2 (Farthest from SW of 31)

5.04 + 4

m = 10:40[±]

9.04

Oak lawn CPS

10-10-00

Dewey

Big Bale
4.78 + M
3.28

8.06

NW26

5.24 + 4

9.24

NQ27

4.58 + 4

8.58

OAKK

5.04 + 4

9.04

on = 3.15

72/104

Oak Lawn GPS

10-13-00

73/104

NW26

8.24

Darcy on Day

4.95 + M

9.00

Oak 2

(3.9)

4.91 + H

9.00

Oak K

(9.02)

5.02 + H

9.07

EQ26S

9.20

5.20 + H

10:30

Pessok

2.34

5.34 + H

10:30

Rock 5

3.06

4.80 + M

12:17

5.28

Rock 2

5.20 +

3.28

8.48

IDEAL TWSP

NE 29

H1 = 504 + meter Unit #95

FND Cap'd Pipe ON 9:30am off 3:20pm

"BERTHA"

H1 = 512 + meter Unit #94

FND ALUM Cap'd MON. ON 9:30am off 11:45am

"CLEARLAK"

H1 = 534 + meter + 40' Unit #93

FND SPIKE ON 10:40am off 1:00pm

NW 27

H1 = 499 + 40' Unit #94

FND 1/2" Rod ON 11:30am off 2:00pm

EQ 21

H1 = 520 + 40' Unit #93

FND 2" PIPE ON 1:10pm off 3:15pm

WD 21

H1 = 547 + 40' Unit #94

FND Cap'd Rod ON 2:15pm off 3:05pm

ANDERSON
Gr. mm

11/15/00

74/104

Note: these notes were
transcribed into this fieldbook
on 11/17/00 from Loose leaf notes
by DON SIGER, County Surveyor

Don Siger

WOKAY LAKE TWP Sec. 18

GPS Sessions

SP18WEST

H1 = 514 + meter ON 10:00am
Set Control Spike

"DOG"

H1 = 503 + 40' ON 10:00am
Previously used Control Point

"Horse"

H1 = 511 + 2 meters ON 10:00am
Previously used Control Point

"PASTURE"

H1 = 492 + meter ON: 11:30am
Set Control Spike

TR 89

(GPS 885 28) "Horse"

BS 88

0°

885 33 "Dog"

1) 297-45-11

354 39

CWC SQ SE
TUBE 18

(297-44-41)

(354 42)

(354 43)

SIGEN
ANDERSON

11/16/00

75/104

TR 11

BS 140°

93

1) 91-35-09

446 09

GPS
SQ18WEST
GPS "PASTURE"

CWC SQUARE

2) 23-10-17

446 08

TUBE

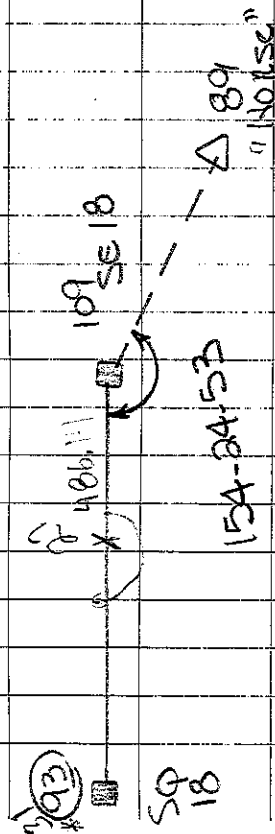
MR 91-35-08

SQ Sec 18

(191-36-31)(446 02) ✓

NOKAY LAKE TWP
 Sec 18 SE 1/4 line
 and EAST line SE 1/4

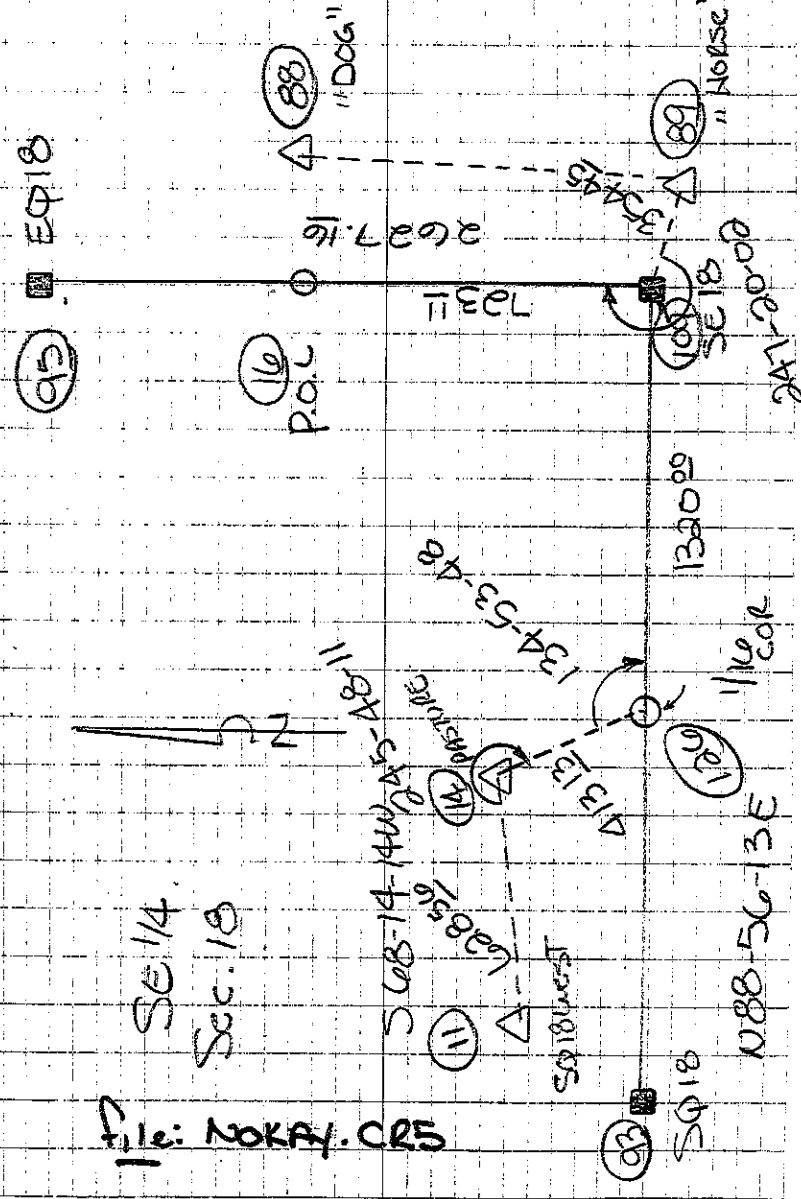
*37



ANDERSON
 GRIMM

11/20/00

76/104



SE 1/4.
 Sec. 18

File: NOKAY.CRS

NOKAN LAKE Sec 18

154°-24 52

486.14

320.00

486.14

180-01-46

BS 109

A@27 180-02-27

to 31 180-03-27

180-04-27

D=964.17

DS 27

A@31 244 07-45

to 37 244-07-45

244-07-45

D=324.43

1820.00

77/104

*37

ridge

31

27

*POL

Sec 18
#109

1320

486.14

984.17

470.17

Horse

89

*31

*38

26

47

NOKA/ Lake Sec 18

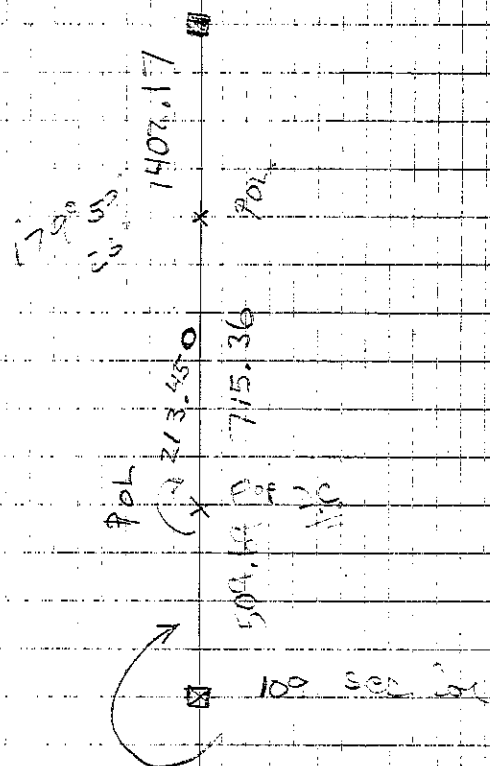
BS 109 179-57-40
 359-55-77
 Pipe 179-57-38

D 109 = 509.69
 to pipe = 213.45

13 B

225.03
 13 / 3.53

78/104



1313.58
 1225.03
 88.55

577.69
 52.49
 525.20
 102.03

(Measure)
 2627.16 (Comp total)

* 37
 Horse

Ideal Trip

11-22-2000

Grimm
Anderson

79/104

(862)	HT	Deg.	U.T	on	off
SE 31	5.34 ^{pm}	1 1/2 IP	94	9:45	
(1101)					
SE 32 RC	4.45 ^{pm}	1 1/2 IP	93	10:00	11:45
(881)					
NE 31	4.87 ^{+4'}	1 1/2 IP	95	10:05	
(1187)					
SE 32	5.31 ^{pm}	1 1/2 IP	93	11:55	12:45
(984)					
MC 33 N	3.28 ^{pm}	1 1/4 IP	93	1:22	2:10
(1037)					
EQ 32	3.81 ^{pm}	1 1/2 IP	93	2:20	3:10

5/6/54

Timing

4-14-03

No IRack

BS 12 Roll

Nail

0° 802.98

Nail

SE 32 1) 126-42-59 209.67 2" IP
 2) 253-25-57 209.67
 ML 126-42-59

Ideal Township

11-28-00 ^{Dewey}
on Duty

NQ30

9.49

HI = 5.49 + 4

CIM & C

on = 9.20

NE29

Rhs Cap

HI = 4.93 + M

3.28

8.21

EQ20

Rhs Cap on 1/4 Acre
Beside IF

HI = 5.80

+ 4.00

9.80

SW 18 IDE

HI 5.14 + 4 = 9.14

Domed pin or RR Spike

Red

Random Spike

HI = 4.82 + 4

in front of Redhouse

8.82

3 Pine

- Random PK in road

4.87

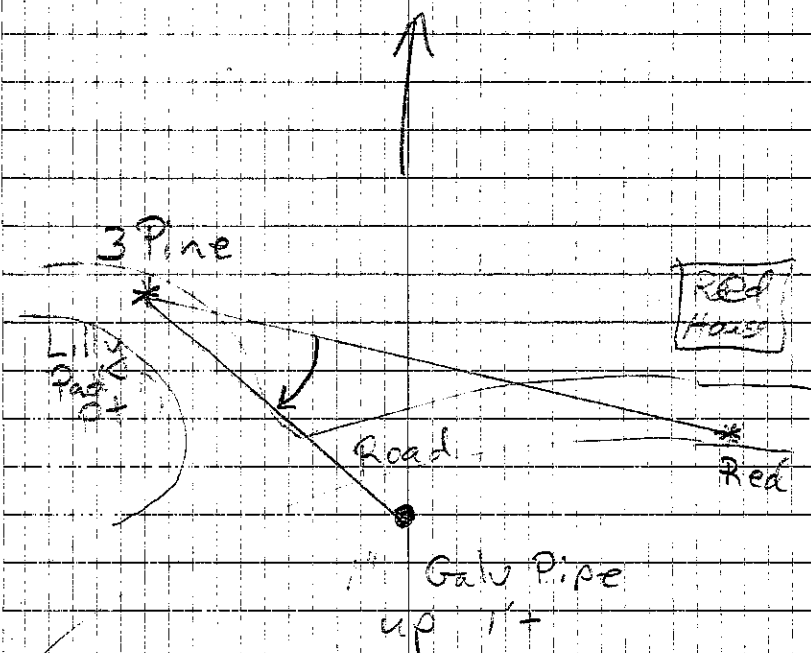
near 3 pines

HI = + 3.28

(Lilly Pad Point)

8.15

80/104



BS Red

505.26

to 3 Pine

to WQ18 Ide

22% 21

20 33 51

41 - 07-36

ML

20-33-48

564

Timothy

$$4\frac{1}{2} - 1\frac{1}{2} = 3$$

Spring	4.30	Alum cap	200
--------	------	----------	-----

EQ32T	5.20	CIM	201
-------	------	-----	-----

TTZ1Wm	3.85^{+m}	Reasy	222
--------	-------------	-------	-----

EQ31TT	4.5 ⁱⁿ	CIM Broken top
		204

SE31TT	4.90	CI m	231	12:10
--------	------	------	-----	-------

URoll	4.52	NG!	201
-------	------	-----	-----

5032TT	5.27	CIN	200
--------	------	-----	-----

NE31TT 4.27^{+2m} LIM Broken Top 204

IRack	4.25 th	nil	2.00
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Perry Lake

Timothy

Irondate

Emily

SOKKIA™

Ross Lake

NoKey Lake

Fairfield

St Matthias

50 Lakes

Maple Grove

Idea 1

Long Lake

Oak Lawn

MADE IN U.S.A.