

Corner Restoration
T9N R25W
K-2
FIELD BOOK
82-0032

Corner
RESTORATION

T9N R25W

K-2
FIELD BOOK

82-0032

• Think Metric: SI, SI!

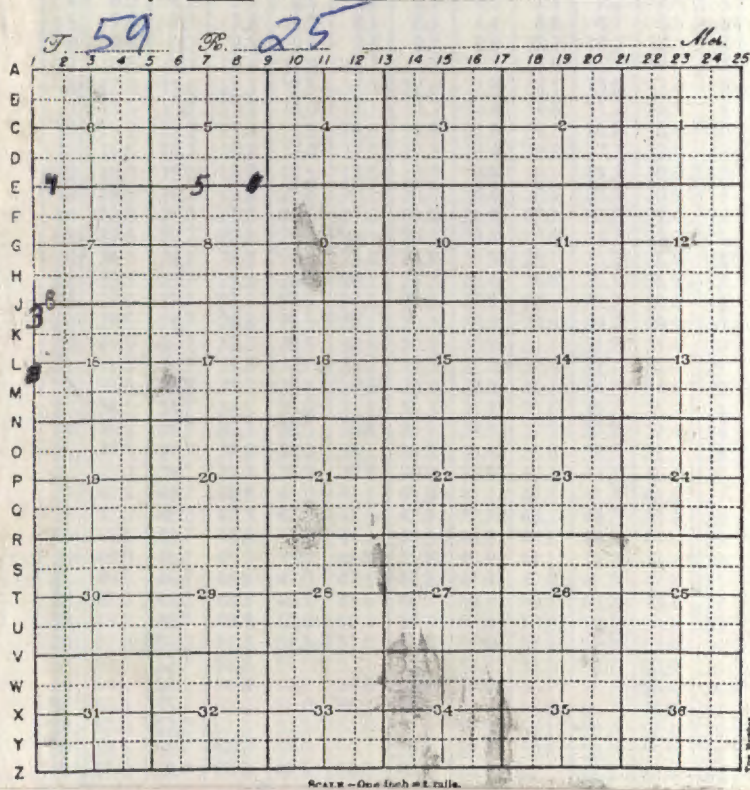
BK #2

• Remember:

1 foot (Industrial/industrial) = 0.3048 m
1 U.S. Survey foot = 0.30480061 m approx.

ACSM BULLETIN, August 1982 33

Region _____ Forest _____



KEUFFEL & ESSER CO.

For Curve Tables see end of book.

District Ranger
U.S. Forest Service
P.O. Box 308
Deer River, Mn
56636



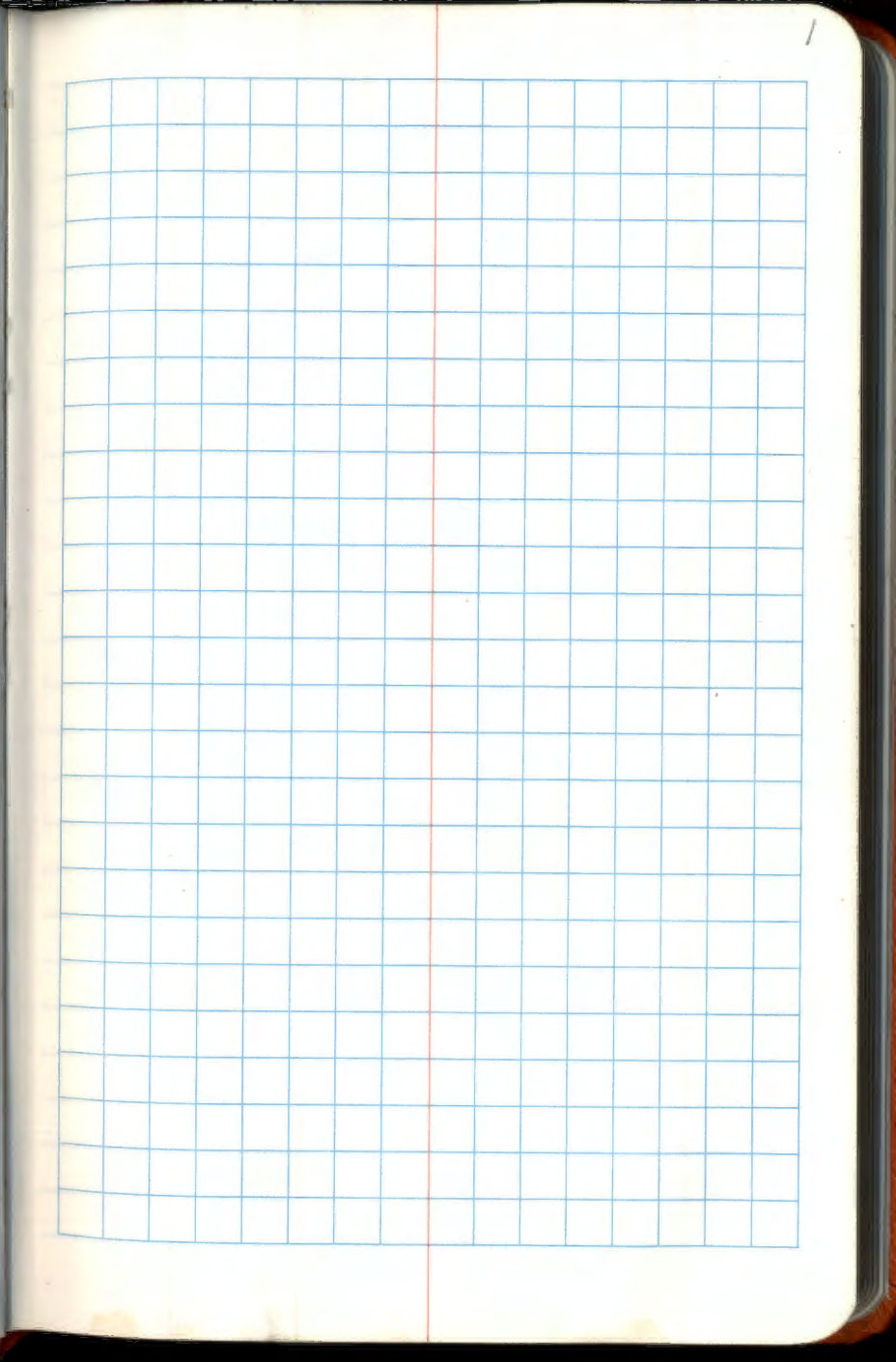
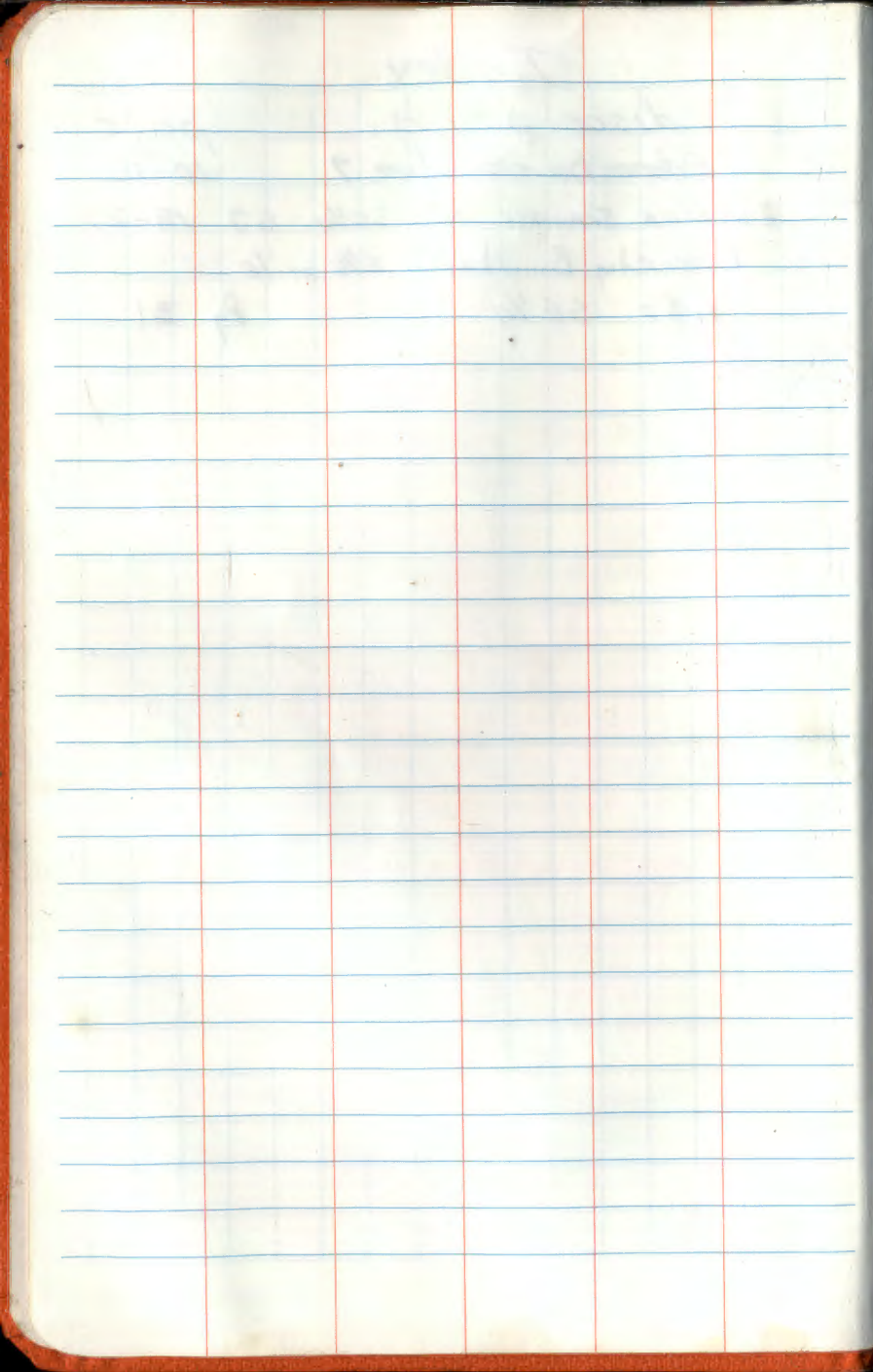
The paper in this book is
made of 50% high grade rag stock with
a WATER RESISTING surface sizing.

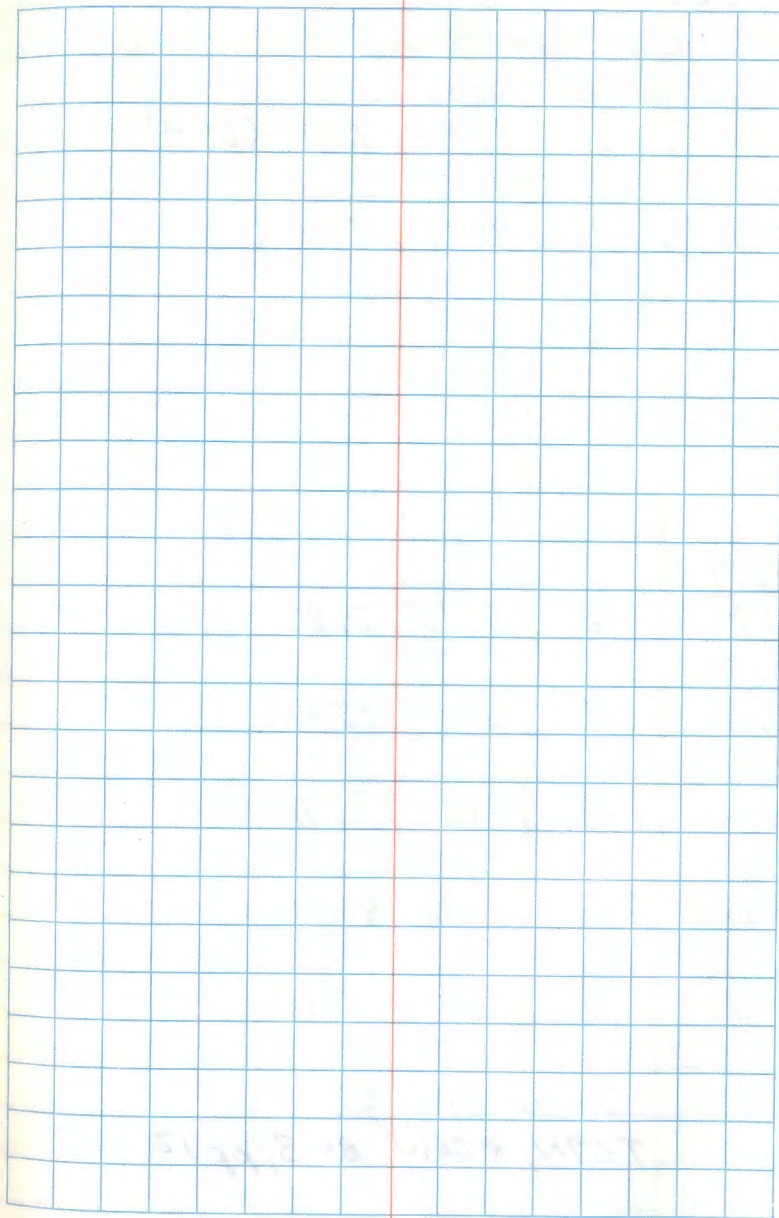
KEUFFEL & ESSER CO.

District Ranger
 U.S. Forest Service
 P.O. Box 808
 Fort Huachuca
 92023

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discription		page
Exterior traverse of sec 7		10-12
Interior Traverse N $\frac{1}{2}$ SE $\frac{1}{4}$ S7		18-27
Property Boundary E $\frac{1}{4}$ mile		
N $\frac{1}{2}$ SE $\frac{1}{4}$		Pg 31





T59N R25W JK-1

M.C. Far So. Shore No. Bay Clubhouse Lake

Orig. Govt. Survey

Cedar, 8", S48°W, 151ks (9.9 ft)

Cedar, 14", N88°E, 151ks (

1939

N. Pine, 16", S51°E, 74.80'

3/54

Spruce, 7", S33°W, 75.00'

6/82

"x" rock, 1'x1', S62°E, 37.71'

"x" rock, 2'x2', South, 45.81'

Ash, 4", S75°W, 5.44

See also BK 1 P 2

T59N, R26W, BK 3, pp 12

CERTIFICATE OF TITLE 3

E-142

T.5.9 N R25W M.C. E. Sho. of Copenhagen Lake

Orig. Govt. Survey

Tamarack, 6" ^{1 1/2}, S04°E, 33/KS (21.78 ft)

Wht. Pine, 8" N81°E, 125/KS (82.50 ft)

1960

Wht. Pine, 7" East, 29.76'

Balsam, 5" S18°W, 21.8'

4/83

Ash, 4" S36°W, 32.33'

Wht. Pine, 14" S26°E, 44.60'

REFER to Pa 7, This Book
See BK 3, PP 50

T59 N R25W Mc F. Shore of East Lake

Orig Govt. Survey

Cedar, 5", S37°E, 201ks (13.2ft)

Cedar, 5", N88°E, 161ks (10.56ft)

4/83 Itasca County

N. Pine, 16", S79°E, 19.30'

N. Pine, 10", S34°E, 50.70'

N. Pine, 14", S44°W, 60.02'

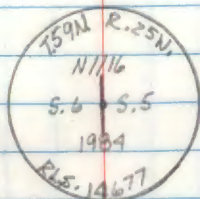
6
 T59N R26W Sec 6 Sub
 Inverse and Monumentation info to set
 STA 1006 N 1/16 5/16
 STA 1st H&D 2nd H&R 3rd H&D 4th H&R H. Dist
 H&R

FS 6003 187-05-30 7-05-15 187-05-27

BS 2707 00-00-23 190-00-05 00-00-17

T@ 2706 187-05-10 91.32

Decl: 5° East



Galvanized, concrete filled.

Set a 2 1/2 inch OD Iron Pipe by
 5 ft long and 3" BRASS CAP STAMPED
 AS SHOWN, FROM WHICH

W. Birch 9.0 in. N55°E 24.20 ft to 16d NAIL ON SE
 ASPERY 9.8 in. S20°E 40.44 ft to 16d NAIL ON SW
 W. Birch 6.2 in. N53°W 31.97 ft to 16d NAIL ON SW
 STEEL SIGN POST 3' EAST W/ 54-2
 STEEL SIGN POST 5' NORTH W/ 54-2, 549

6
 June 11, 1984

Clear, warm, breeze
 PC G. Kosanko
 TO B. Husk

GS-11 HATA Paint- K. Whitehorn

All BT's painted red and
 fence posts painted red

FACE Double BLAZE SER. "N 1/16 S 5 BT" 60d SPIKE
 FACE Double BLAZE SER. "N 1/16 S 5 BT" 60d SPIKE
 FACE Double BLAZE SER. "N 1/16 S 6 BT" 60d SPIKE

7

T59N R25W

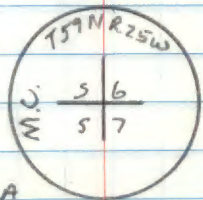
Refer to Pg 4

INVERSE AND MONUMENTATION TO
SET 1502 MC EASTSHORE COPENHAGEN
LAKE

Reset old County Monument

N 51°00' - 03" E 8.67ft

Decl. 5°E



Set 2 1/2" OD IRON PIPE

by 3.25 ft. Long with a

3 inch Aluminum Cap As shown:

from which:

old County Bts

W. PINE 1 5 inch S 19° E 48.11' to 16d nail on

Ash 4.6 inch S 38° W 49.70' to 16d nail on

W. PINE 1 6 inch S 81° E 24.36' to 16d nail on

Metal Fence Post least 3.0' w/ 542 + 54-9

60d spike in bottom BLAZES

ALL TREES and Post PAINTED RED

See Book #3, PP 50
See BK 2, PP 4

CERTIFICATE FILED

7-10-84

B. AOSK

G. ROBERTSON

EAST FACE Double BLAZE SCR " MC 57 BT "

NW FACE Double BLAZE SCR " MC 57 BT "

SOUTH FACE Double BLAZE TOP BLAZE OVERGROWN
NEW " BT "

7
8MC # 89
T59N R25W

J-1/2 WEST

MC on east shore of north bay of
Clubhouse Lake

Original Gov't Survey

s.
b.
3
f
c
w.
f
w.
MC

July 18, 1984

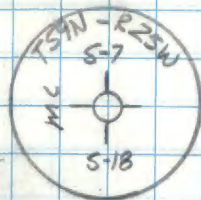
8

Clear, warm, breeze

PC by G. Kosenko

B. Husk

G. Robertson

Decl: 5°
East

Recovered a 2 inch outside diameter iron pipe with
a 3 inch diameter brass cap stamped as shown,
up 2.2 ft from which:

- 170° W. Birch, 6.8 in, 578°E, 23.36 ft to 1/2d nail in
north face, double blaze, scr "MC578T", w/60d spike
- 110° W. Birch, 9.2 in, 509°E, 42.64 ft to 1/2d nail in
west face, double blaze mostly overgrown, w/60d spike
- 170° "X" Rock, 1 1/2' x 2', 501°E, 20.37 ft
- 170° "X" Rock, 1/2' x 1', 585°E, 15.32 ft

Established:

Metal fence post, south, 3.0 ft w/50-9

The Birch BT 578E is scribed wrong.
All BT's and metal fence post are painted
red except there are no rings on
the trees

S

b

3

c

w

w.

M

10 T59N R25W Sec 7 Sub

Exterior trav cont'd from bk 1 pg 52

STA 1st H&D 2nd H&D 3rd H&D 4th H&D

H&D

from Bk 1, PP 52

FS 721 188-26-50 08-26-00 188-26-40 08-26-00

BS 119 00-00-00 179-59-05 00-00-00 179-59-00

TI@120 188-26-50 188-26-55 188-26-40 188-27-00

188-26-51.25

Dist 120-121 80-23-10 279-36-50 80-23-10 182.73 180.164

Dist 121-120 99-47-40 260-11-50 99-47-55 182.82 180.153

FS 122 175-06-20 355-05-50 175-06-20 355-06-00

BS 120 00-00-00 179-59-15 00-00-00 179-59-20

TI@121 175-06-20 175-06-35 175-06-20 175-06-40

175-06-28.75

Dist 121-122 ⁸³⁻¹⁰⁻⁰⁰ 99-47-40 266-50-20 93-09-50 228.18 229.832

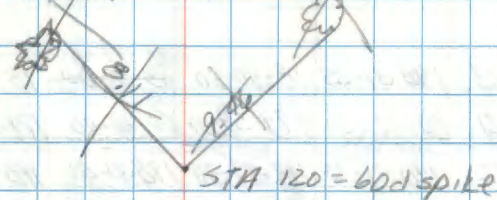
Dist 122-121 86-59-05 273-00-50 86-59-07 228.14 229.827

Jan 4, 1984

10

3" Balsam

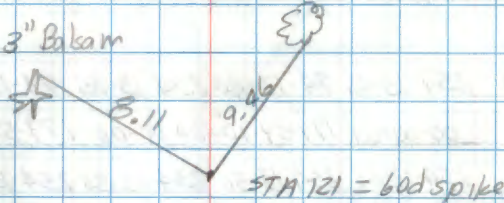
6" Birch



180.158

3" Balsam

6" Birch



229.828

11 T 59N R 25W Sec 7 Sub

Exterior traverse cont'd from pg

STA 1st H&D 2nd H&R 3rd H&D 4th H&R

H 4

FS 123 198-31-25 18-30-50 ¹⁹⁸⁻³¹⁻⁴⁰
~~18-31-00~~ 18-31-00

BS 121 00-00-00 179-59-20 00-00-00 179-59-15

T @ 122 198-31-25 198-31-30 198-31-40 198-31-45
198-31-35

Dist 122-123 83-54-10 276-05-10 83-54-30 380.54 378.391

Dist 123-122 76-11-00 263-48-40 96-11-10 380.61 378.394

FS 34 254-13-45 74-12-40 254-13-35 74-12-40

BS 122 00-00-00 179-59-10 00-00-00 179-59-05

T @ 123 254-13-45 254-13-30 254-13-35 254-13-35
254-13-36.25

Dist 123-34 89-47-50 270-11-40 89-48-05 339.11 339.108

Dist 34-123 90-18-05 269-41-30 90-18-18 339.10 339.095

11 Jan 4, 1984

6" Maple

19.74

8.13

STA 122 = 60d spike

5" Balsam

378.392

Dead Birch

8.13

13.48

STA 123 = 60d spike

5" Balsam

339.102

12

T59N R25W Sec 7 Sub

Exterior traverse cont'd from pg

STA 1st H&D 2nd H&R 3rd H&D 4th H&R

H&R

FS 33 91-48-~~45~~³⁰ 271-~~47-55~~⁴⁸⁻¹⁰ 91-48-40 271-48-10BS 123 00-00-00 179-~~58-30~~⁵⁷⁻³⁵ 00-00-00 179-59-5TO 34 91-48-~~45~~³⁰ 91-~~47-55~~⁴⁸⁻³⁵ 91-48-40 91-48-45

91-48-39.5

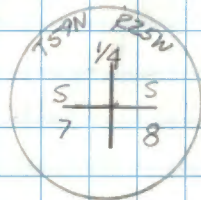
Dist 34-33 90-51-30 ~~271~~²⁶⁹⁻⁰⁸⁻⁰⁰ 90-51-45 354.53 354.490

END EXTERIOR TRAVERSE SEC 7

Goto Book 1, pp 42

Jan 4, 1984

12



STA 34 =

END EXTERIOR TRAVERSE SEC 7

T.59N R26W Sec 6 & 7 Sub

Angles @ property corners to property line

STA 1st H&D 2nd H&R

H&R

FS 2715 101-59-43 289-59-25

BS 2706 00-00-22 180-00-06

T@6003 101-59-21 101-59-20

FS 6003 269-56-39

BS 2716 0-00-09

T@2715 269-56-28

Pages

15 thru 17

Blank

T59N R25W Sec 677 Sub

Interior traverse ground N $\frac{1}{2}$ SE 1/4 Sec 7STA 1st HAD 2nd HXR 3rd HAD 4th HXR

HXR

FS 3402 275-09-49 95-09-55 275-09-55 95-09-58

BS 33 00-00-15 180-00-26 00-00-20 180-00-24

TQ 3401 275-09-34 275-09-29 275-09-35 275-09-34

275-09-33 ✓

Dist 3401-3402 90-35-23 269-24-28 90-35-27 357.44 357.42

Dist 3402-3401 89-30-44 270-29-25 89-30-89 357.47 357.46

FS 3403 180-00-28 360-00-24 180-00-28 360-00-28

BS 3401 00-00-18 180-00-17 00-00-23 180-00-18

TQ 3402 180-00-10 180-00-07 180-00-05 180-00-10

180-00-08 ✓

Dist 3402-3403 94-33-28 265-26-24 94-33-32 467.40 467.91

Dist 3403-3402 85-29-14 274-30-32 85-29-21 469.40 467.95

✓ OK bk 06/27/84

June 26, 1984

Cloudy, breeze, warm

T-2 S/W 265184

PC \rightarrow T \rightarrow G. Kosenko

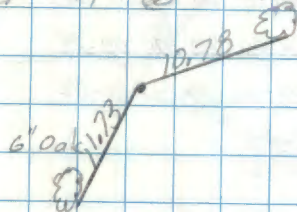
Red IA S/W 4863

Artes S. Ausk

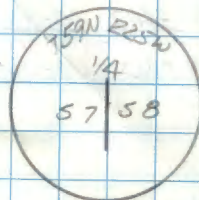
BPR = 29.2 Temp = 70°F

G. Robertson

PCF = +1 @ 9' Maple



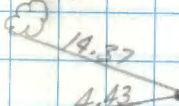
STA 3401 =



357.44 ✓

Computed proportionate position

8" Birch



6" Birch

STA 3402 = 60d spike

467.93 ✓

P/S/2/84 20-314

19 T59N R25W Sec 6 & 7 Sub

Interior traverse cont'd from pg 18
STA 1st H&D 2nd H&R 3rd H&D 4th H&R
H&D

FS 3404 180-00-15 00-00-16 180-00-08 00-00-16

BS 3402 00-00-05 180-00-13 00-00-08 180-00-14

PI@3403 180-00-10 180-00-03 180-00-00 180-00-02

180-00-04 ✓

Dist 3403-3404 90-06-23 269-53-40 90-06-22 471.60 471.60 ✓

Dist 3404-3403 89-58-19 270-01-37 89-58-21 471.62 471.62 ✓

→ Sideshot to Itasca Co. CE 1/16 ←

FS ³⁴¹⁷ CE 1/16 179-42-52 359-42-47

BS 3402 00-00-11 180-00-01

PI@3403 179-42-41 179-42-46

179-42-44 ✓

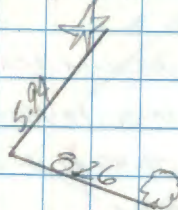
³⁴¹⁷
Dist 3403-CE 1/16 90-12-53 269-46-59 90-12-57 ^{132.274} 433.97 433.97 ✓

VOK LR. 06/27/84

June 27, 1984 19

Same crews previous day

8" Spruce



BPR = 29.4 ECF = +1

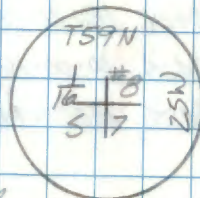
Temp = 67° @ 9:30 AM

STA 3403 = 60d spike

14" Hspen

471.61 ✓

3417 S



Itasca Co Monument

T59N R25W Sec 6+7 Sub

Interim traverse cont'd from pg 19

STA 1st H&D 2nd H&R 3rd H&D 4th H&R

H4

FS 3405 180-00-03 359-59-51 180-00-04 359-59-54

BS 3403 00-00-16 180-00-~~12~~¹² 00-00-17 180-00-10

T@ 3404 179-59-47 179-59-38 179-59-47 179-59-44

179-59-44 ✓

Dist 3404-3405 81-54-59 278-04-52 81-55-03 202.76 200.75 ✓

Dist 3405-3404 98-16-05 261-43-47 98-16-09 202.84 200.73 ✓

FS 3406 180-00-38 360-00-25 180-00-26 360-00-23

BS 3404 00-00-16 180-00-07 00-00-11 180-00-10

T@ 3405 180-00-22 180-00-18 180-00-15 180-00-13

180-00-17 ✓

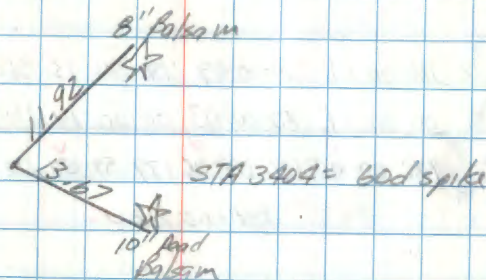
Dist 3405-3406 89-19-41 276-40-13 89-19-44 504.08 504.05 ✓

Dist 3406-3405 90-44-30 269-15-17 90-44-37 504.06 504.02 ✓

✓ OK Gk. 06/27/84

2001.77
2001.75

June 27, 1984



200.74 ✓

10" Aspen

23.14

STA 3405 = 60d spike

504.03 ✓

6" Aspen

T591 P25W Sec 627 Subdivision

Interior traverse cont'd from pg. 20

STA 1st H&R 2nd H&R 3rd H&R 4th H&R

H&R

FS 3407 180-00-17 360-00-09 180-00-13 360-00-12

BS 3405 00-00-17 180-00-03 00-00-14 180-00-08

TP@ 3406 180-00-00 180-00-06 179-59-59 180-00-04

180-00-02 ✓

Dist 3406-3407 97-59-34 267-00-22 92-~~55~~⁵⁹-58 180.24 180.05

Dist 3407-3406 87-12-38 272-47-20 87-12-39 180.19 177.98

FS 3408 179-59-49 359-59-46 179-59-45 359-59-~~45~~⁴¹

BS 3406 00-00-09 180-00-00 00-00-07 179-59-54

TP@ 3407 179-59-40 179-59-46 179-59-38 179-59-~~37~~⁴¹

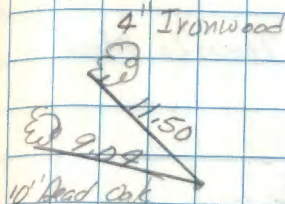
179-59-43 ✓

Dist 3407-3408 98-22-32 261-37-26 98-22-33 325.18 321.71

Dist 3408-3407 81-~~29~~⁴¹ 21 278-15-54 81-44-14 325.08 321.71

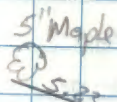
OK Rk 06/28/84

June 27, 1984

STA 3406 = 60d spike
west side of road

180.02 ✓

261-51-41 340.89



STA 3407 = 60d spike

321.71 ✓

T59N R25W Sec 6 & 7 Sub

Interior traverse cont'd from pg 21

STA 1st H&D 2nd H&R 3rd H&D 4th H&R

H&R

3418 Sideshot to C 1/4 S7 Itasca Co Mon

ES C4 177-51-38 357-51-30

BS 3407 00-00-15 180-00-01

IT@3408 177-51-23 177-51-29

177-51-26 ✓

3418

Tape dist 3408 to C 1/4 = 14.96 ✓

ES 3409 87-41-09 267-41-00 87-41-13 267-40-55

BS 3407 00-00-09 179-59-57 00-00-11 180-00-01

IT@3408 87-40-55 87-41-03 87-41-02 87-40-54

87-40-58 ✓

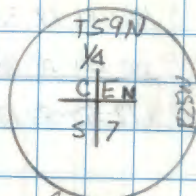
Dist 3408-3409 75-27-46 284-31-56 75-27-55 140.33 135.84

Dist 3409-3408 104-47-30 255-11-56 104-47-47 140.48 135.82

✓ OK Ph. 06/29/84

1317.15 June 27, 1984

3418 =



Itasca County Monument

STA 3408 = 60d spike

Approx C 1/4 Sec 7

135.83 ✓

23 T59N R25W Sec 677 Sub

Interior traverse cont'd from pg 22
STN 1st H&R 2nd H&R 3rd H&R 4th H&R
H&R

FS 3410	180-00-17	360-00- ⁰⁷ 06	180-00- ¹⁶ 24	360-00-12
BS 3409	00-00-18	180-00- ¹⁵ 24	00-00- ¹⁶ 12	180-00-17
TI@ 3409	179-59-59	179-59- ⁵⁸ 48	180-00- ⁰⁰ 12	179-59-55
		179-59-57 ✓		

Dist 3407-3410	84-07-58	275-51-54	84-08-02	244.22	242.94
Dist 3410-3409	95-56-55	264-02-45	95-57-05	244.24	242.92

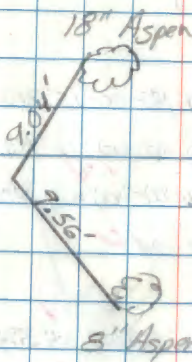
FS 3411	180-00-18	00-00-14	180-00-20	00-00-19
BS 3409	00-00-18	180-00-15	00-00-15	180-00-11
TI@ 3410	180-00-00	179-59-59	180-00-05	180-00-08
		180-00-03 ✓		

Dist 3410-3411	92-12-06	267-47-40	92-12-12	294.21	293.99
Dist 3411-3410	87-55-38	272-04-16	87-55-41	294.16	293.97

VOK Pl. 06/28/84

June 27, 1984

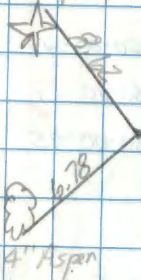
23



STA 3409 = 60 d spike

292.93

10' Spruce



14' Aspen

293.98

STA 3410 = 60 d spike

sta at Y in road

June 28, 1984

Same crew as previous day

BPR = 29.6 ECF = +1

Temp = 70°F @ 9:00 AM

T59N R25W Sec 6 & 7 Sub

Interior traverse cont'd from pg 23
 STA 1st H&R 2nd H&R 3rd H&R 4th H&R
 H&R

FS 3412 180-00-18 360-00-09 180-00-15 360-00-09

BS 3410 00-00-15 180-00-05 00-00-11 180-00-05

IT@ 3411 180-00-03 180-00-04 180-00-04 180-00-04
 180-00-04 ✓

Dist 3411-3412 89-57-14 270-02-44 89-57-15 394.18 394.18

Dist 3412-3411 90-08-23 269-51-32 90-08-25 394.17 394.17

FS 3413 180-00-18 360-00-17 180-00-17 360-00-14

BS 3411 00-00-20 180-00-15 00-00-27 180-00-09

IT@ 3412 179-59-58 180-00-02 179-59-50 180-00-05
 180-00-01 ✓

Dist 3412-3413 100-33-03 259-26-40 100-33-12 254.41 250.16

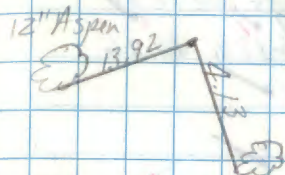
Dist 3413-3412 79-35-30 280-24-22 79-35-34 254.90 250.21

VOK BK 06/28/84

June 28, 1984

277.80

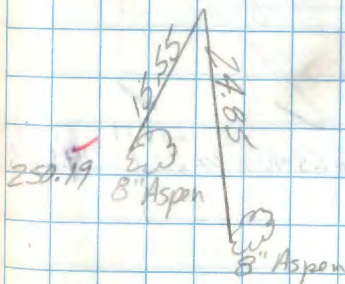
250.23



STA 3411 = 60d spike

394.17

6" Birch



STA 3412 = 60d spike

25 T59N R25W Sec 6 & 7 Subdivision

Interior traverse cont'd from pg 24

STA 1st H&D 2nd H&R 3rd H&D 4th H&R

H4

ES 3414 92-09-~~45~~⁴² 272-09-34 92-~~40~~⁰⁹-41 272-09-35

BS 3412 00-00-~~25~~²⁰ 180-00-14 00-00-29 180-00-09

TO 3413 92-09-~~20~~²² 92-09-20 92-~~08~~⁰⁹-17 92-09-26

92-09-21 ✓

Dist 343-344 88-11-15 271-48-41 271-48-43 923.74 923.28

Dist 344-343 91-51-13 268-08-37 268-08-42 923.75 923.27

Sideshot to old iron pipe SE 1/16

ES SE 1/16 179-38-54 359-38-51

BS 3413 00-00-25 180-00-20

TO 3414 179-38-29 179-38-31

3419

Dist 344-~~343~~^{SE 1/16} 93-04-09 266-55-29 266-55-40 89.689 M 87.560 F 294.26 F 293.83 F

✓ DJR

2/5/84

2061.84

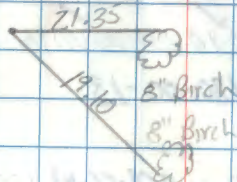
June 28, 1984

25

STA 3413 = 60d spike

Applied CS 1/16 57

923.28 ✓



STA 3414 = 60d spike

SE 1/16 = old iron pipe = 3419

26

T5W R25W Sec 607 S06

Interior traverse cont'd from pg 25

STA 1st H&D 2nd H&R 3rd H&D 4th H&R

H&R

FS 3415 180-00-32 00-00-~~24~~²⁴ 180-00-~~26~~³¹ 00-00-~~27~~²⁷BS 3413 00-00-~~32~~³² 180-00-~~29~~²⁹ 00-00-~~29~~^{30 II} 180-00-~~29~~^{30 II}TP 3414 180-00-~~29~~³⁰ 179-59-55 ✓ 180-00-~~25~~⁰² 179-59-52 ✓

179-59-57

Dist 3414-3415 90-~~11~~¹³⁻⁵⁴ 12 269-45-~~26~~⁴² 269-45-54 645.21 645.21

Dist 3415-3414 89-49-19 270-10-27 270-10-34 645.21 645.21

FS 3416 180-00-~~21~~²⁰ 00-00-22 180-00-23 00-00-23BS 3414 00-00-~~11~~¹¹ 180-00-09 00-00-13 180-00-06TP 3415 180-00-~~00~~⁰⁹ 180-00-14 180-00-10 180-00-17

180-00-13

Dist 3415-3416 101-03-05 258-56-30 258-56-43 155.90 153.01

Dist 3416-3415 77-16-09 280-49-34 280-49-43 155.83 153.06

JHR
7/3/84

June 29, 1989 26

Clear, warm, calm

PC to JT & Kasenko

BPR = 29.5 ECF = +1 W G. Robertson

Temp = 72°F @ 10:00 AM T-2 S/N 265189

Redi-A S/N 4863

STA 3414 = 60d spike

645.21

153.03

T59N R25W Sec 6+7 Sub

Interior traverse cont'd from pg 26

STA 1st H&R 2nd H&R 3rd H&R 4th H&R

H&R

FS 1199 180-10-¹¹43 360-10-46 180-10-¹⁰58 360-10-57BS 3415 ~~00-00-40~~³⁰ 180-00-56 00-01-18 180-01-14TP@ 3416 180-09-⁴⁰29 180-09-⁵⁰40 180-09-40 180-09-43

180-09-43

Dist 3416-1199 89-35-09 270-24-41 270-24-46 740.92 740.90

Dist 1199-3416 90-22-09 269-31-45 269-31-58 740.91 740.89

FS 119 337-27-¹⁰41 157-27-57 337-28-10 157-28-09BS 3416 00-00-³²46 180-00-29 00-00-31 180-00-27TP@ 1199 337-27-³⁸45 337-27-53 337-27-39 337-27-42

337-27-38

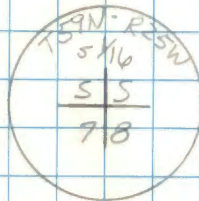
END OF THIS TRAVERSE

July 2, 1984

STA 3416 = 60d spike

740.90

STA 1199 =



END OF THIS TRAVERSE

Pages

28 thru 30

Blank

31

T59N R25 Sec. 6+7 Sub

Angles @ property corners to line

STA 1st H&R 2nd H&R

H&R

ES 3901 89-39-56

BS 7002 00-00-20

T@7003 89-39-36

July 2, 1984

31

G. Kosenko, B. Ausk, +

G. Robertson

clear, humid, windy

Wild T2

END OF
BOOK