

CORNER
RESTORATION

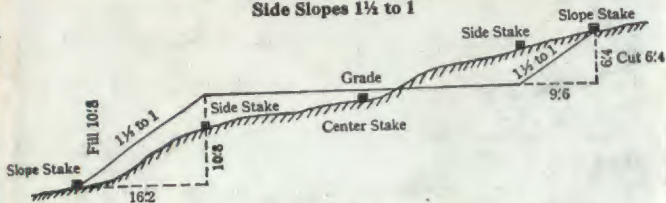
T59N R25W

BK 1

PIONEER
FIELD BOOK

No. 8409V

DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING
 Roadway of any Width
 Side Slopes 1½ to 1



In the figure above: Opposite 6 under "Cut or Fill" and under .4 read 9.6 the distance from the side stake to the slope stake at right. Opposite 10 under "Cut or Fill" and under .8 read 16.2, the distance from the side stake to the slope stake at the left.

Cut or Fill	Distance out from Side or Shoulder Stake										Cut or Fill
	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	0
1	1.5	1.7	1.8	2.0	2.1	2.3	2.4	2.6	2.7	2.9	1
2	3.0	3.2	3.3	3.5	3.6	3.8	3.9	4.1	4.2	4.4	2
3	4.5	4.7	4.8	5.0	5.1	5.3	5.4	5.6	5.7	5.9	3
4	6.0	6.2	6.3	6.5	6.6	6.8	6.9	7.1	7.2	7.4	4
5	7.5	7.7	7.8	8.0	8.1	8.3	8.4	8.6	8.7	8.9	5
6	9.0	9.2	9.3	9.5	9.6	9.8	9.9	10.1	10.2	10.4	6
7	10.5	10.7	10.8	11.0	11.1	11.3	11.4	11.6	11.7	11.9	7
8	12.0	12.2	12.3	12.5	12.6	12.8	12.9	13.1	13.2	13.4	8
9	13.5	13.7	13.8	14.0	14.1	14.3	14.4	14.6	14.7	14.9	9
10	15.0	15.2	15.3	15.5	15.6	15.8	15.9	16.1	16.2	16.4	10
11	16.5	16.7	16.8	17.0	17.1	17.3	17.4	17.6	17.7	17.9	11
12	18.0	18.2	18.3	18.5	18.6	18.8	18.9	19.1	19.2	19.4	12
13	19.5	19.7	19.8	20.0	20.1	20.3	20.4	20.6	20.7	20.9	13
14	21.0	21.2	21.3	21.5	21.6	21.8	21.9	22.1	22.2	22.4	14
15	22.5	22.7	22.8	23.0	23.1	23.3	23.4	23.6	23.7	23.9	15
16	24.0	24.2	24.3	24.5	24.6	24.8	24.9	25.1	25.2	25.4	16
17	25.5	25.7	25.8	26.0	26.1	26.3	26.4	26.6	26.7	26.9	17
18	27.0	27.2	27.3	27.5	27.6	27.8	27.9	28.1	28.2	28.4	18
19	28.5	28.7	28.8	29.0	29.1	29.3	29.4	29.6	29.7	29.9	19
20	30.0	30.2	30.3	30.5	30.6	30.8	30.9	31.1	31.2	31.4	20
21	31.5	31.7	31.8	32.0	32.1	32.3	32.4	32.6	32.7	32.9	21
22	33.0	33.2	33.3	33.5	33.6	33.8	33.9	34.1	34.2	34.4	22
23	34.5	34.7	34.8	35.0	35.1	35.3	35.4	35.6	35.7	35.9	23
24	36.0	36.2	36.3	36.5	36.6	36.8	36.9	37.1	37.2	37.4	24
25	37.5	37.7	37.8	38.0	38.1	38.3	38.4	38.6	38.7	38.9	25
26	39.0	39.2	39.3	39.5	39.6	39.8	39.9	40.1	40.2	40.4	26
27	40.5	40.7	40.8	41.0	41.1	41.3	41.4	41.6	41.7	41.9	27
28	42.0	42.2	42.3	42.5	42.6	42.8	42.9	43.1	43.2	43.4	28
29	43.5	43.7	43.8	44.0	44.1	44.3	44.4	44.6	44.7	44.9	29
30	45.0	45.2	45.3	45.5	45.6	45.8	45.9	46.1	46.2	46.4	30
31	46.5	46.7	46.8	47.0	47.1	47.3	47.4	47.6	47.7	47.9	31
32	48.0	48.2	48.3	48.5	48.6	48.8	48.9	49.1	49.2	49.4	32
33	49.5	49.7	49.8	50.0	50.1	50.3	50.4	50.6	50.7	50.9	33
34	51.0	51.2	51.3	51.5	51.6	51.8	51.9	52.1	52.2	52.4	34
35	52.5	52.7	52.8	53.0	53.1	53.3	53.4	53.6	53.7	53.9	35
36	54.0	54.2	54.3	54.5	54.6	54.8	54.9	55.1	55.2	55.4	36
37	55.5	55.7	55.8	56.0	56.1	56.3	56.4	56.6	56.7	56.9	37
38	57.0	57.2	57.3	57.5	57.6	57.8	57.9	58.1	58.2	58.4	38
39	58.5	58.7	58.8	59.0	59.1	59.3	59.4	59.6	59.7	59.9	39
40	60.0	60.2	60.3	60.5	60.6	60.8	60.9	61.1	61.2	61.4	40

Bk #1

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

59N 25W 4th principle No.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75

Index CORNER MONUMENTATION 2-24

Exterior traverse Sec 7 Pg 26-52

Closing angle for Sec 7 traverse Pg 25

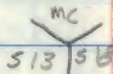
Exterior traverse Sec 6 Pg 54-72

Solar Observations Pg 74 & 75

Sideshot to MC E. Shore E. Lake Pg 77

Tie to original MC S. Shore Copenhagen Pg 79

T59N R25W MC extream south shore Clubhouse Lake



November 26th 1874 Original Government Survey by Eli W. Griffin

Set past to M.C. from which:

Cedar, 8 in, S48°W, 15 lbs

Cedar, 14" N88°E, 15 lbs

March 28, 1939 Frederick W. Uhler Certificate of Location of Government Corner J/K 25

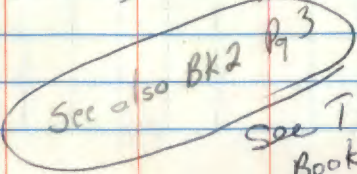
Recovered:

1 in Iron pipe from which:

Gou't Cedar, S48°W, 9.9 ft (Dead, down)

Gou't Cedar, N88°E 9.9 ft (remains)

Norway Pine, 14 in, S51°E, 74.8 ft (Alive)



See T59N, R26W Book 3, pp 12

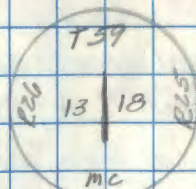
November 21, 1930 L.W. Johnson filed a Plat called SECOND CATHOLIC EDUCATIONAL AND RECREATIONAL COMMUNITY T59N R25W, Lot 7, Sec 7 & Lot 3, sec 18

Johnson calls this a W.C. and denotes it as being marked with an iron pipe. No references are given.

Dec 30, 1983 U.S.F.S. Recovery PR B Kosento - B. Wusk - G. Robertson

Recovered a 2 in O.D. rusted Iron pipe with a 2 1/2" well pipe cap stamped:

up 1.6 ft



from which:

- Red Pine, 18.3" S46°E, 75.20 ft to 16 d nail in North face, ^{blaze overgrown} ~~marked~~ w/ good spike
- Spruce, 12.0" S31°W, 75.39 ft to 16 d nail in east face, double blazed w/ BT visible, 60d spike
- Ash, 4.6" S84°W, 5.61 ft to 16 d nail in NW face, scr "MC 51387", w/ good spike, double blazed Metal fencepost, south, 5.0 ft, W/54-2, 54-9

Sim 787

Original 1904 Survey

A-3

3

1/4 6-31
5925 6025

1936 recovery by ?

1952 Frank Wray survey

set monument and mkd cap from which:

W. Birch, 8 in, S29°W, 24.0ft

N. Pine, 10 in, N13½°W, 11.4ft

1969-70 County survey

recovered county monument from which:

1952 Birch, 8 in, S29°W, 24.0ft

1952 N. Pine, 10 in, N13½°W, 11.4ft

1976 Forest Service recovery

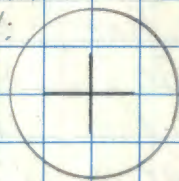
Birch, 4 in, S47°E, 4.86ft

N. Pine, 14 in, N31°W, 26.16ft

N. Pine, 14 in, N35°E, 14.83ft

} established

G. Kosenko and K. Matsun recovery 09-30-82
Recovered a 2 in O.D iron pipe with a
3 in diam brass cap stamped:



up

From which:

Red Pine, 13.8", 15.40ft

~~Paper~~
Red Birch, 6.0", 5.20ft

Red Pine, 14.7", 26.70ft

Red pine stump

Steel fence post

Dec 28, 1983 Recovered by G. Kosenko, S. Carr,
J. Jackson

4/83 Corner reset by county. New BT's
Recovered same monument as 8/36/82 w/cap broken off

N. Pine, 18", N38°W, 29.25' to nail

Red N. Pine, 14.8", N29°W, 29.34' nail in SE face "1/4 581 BT" w/ spike

Red Birch, 10", S54°W, 12.29'

Red W Birch, 7.9", S57°W, 12.60' nail in SE face "1/4 56 BT" w/ spike

Red Birch, 8", S61°E, 16.07'

Red W Birch, 7.7", S55°E, 16.85' nail in SW face "1/4 56 BT" w/ spike

Metal fence post, N76°W, 6.60ft, w/54-2, 54-9

Original Plat Survey A-5

sec cor 5-6-31-32

Established Post from which

W. Pine, 15", N38°W, 22 lbs (14.52')

Fir, 14", N31½°E, 55 lbs (36.30')

N. Pine, 12", S65°W, 45 lbs (29.70')

Spruce, 10", S58°E, 54 lbs (35.14')

1936 ?

1952 Frank Wray recovery

marked cap I. men. from which

poplar, 10 in, S30°E, 29.0 ft

poplar, 9 in, N60°E, 19.0 ft

poplar, 10 in, S48°W, 23.9 ft

W. Birch, 10 in, N56°W, 23.5 ft

1969 county survey

recovered: F. Wray's county monument

1952 Aspen, 10 in, S30°E, 29.0 ft

1952 Aspen, 9 in, N60°E, 19.0 ft

1952 Aspen, 10 in, S48°W, 23.9 ft

1952 W. Birch, 10 in, N56°W, 23.5 ft

1982 recovery

recovered: county monument from which

W. Birch, 10 in, N56°W, 23.50 ft

established:

Birch, N30°W, 25.37 ft

Birch, 15 in, S29°W, 6.48 ft

4/83 corner reset by county

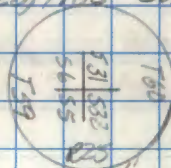
Iron pipe, 1", S21°E, 28.00"

Birch, 8", N40°E, 3.50" U.S.F.S. Tag

Birch, 15", S75°W, 26.51" U.S.F.S. Tag

Poplar, 8", N65°W, 25.69"

Dec 28, 1983 Corner Recovery USFS



G. Kesenko

Decl: 5°E S. Carr

J. Jackson

Recovered a 2" O.D. rusted iron pipe with a

3" diam. aluminum cap stamped as shown

up 1.4' from which:

wrong scribing

Birch 7.3" N44°E, 3.88 ft, "55 BT" SE Face w/wood spike

Birch 13.9" S79°W, 27.30 ft, "56 BT" North Face w/wood spike

Aspen, 8.2", N58°W, 26.03 ft "531 BT" NE Face w/wood spike

(Metal fence post, west, 1.50 ft w/54-2 & 54-9

(Metal fence post, south, 3.00 ft w/54-2

Recovered
Set

Original Prop't Survey H-3/4
MC East shore of Clauson lake

1936 ?

1952 Frank Wray recovery

Set iron monument and marked cap

W. Birch, 7 in, 583°E , 60.25 ft

N. Pine, 15 in, 501°E , 89.20 ft

1970 County survey

Found county monument from which:

1952 Birch, 7 in, 583°E , 60.25 ft

1952 N. Pine, 15 in, 501°E , 89.20 ft

1982 Recovery by ?

Found Co. Monument from which:

Birch, 14 in, $N80^{\circ}\text{E}$, 36.98 ft

N. Pine, 20 in, 503°E , 88.69 ft

1952 Birch chopped down and is 58.15 ft to BT

4/83 Corner reset by county

"X" rock, 3'x4', 502°E , 32.78'

"X" rock, 1'x1 1/2', $N77^{\circ}\text{E}$, 59.08'

"X" rock, 1 1/2'x1 1/2', $N16^{\circ}\text{E}$, 37.08'

June 6, 1984 Recovery by: K. Whitehorn

G. Kosenko

B. Husk

Recovered a 2 inch

O.D. iron pipe with

a 3 inch diam. alum.

cap stamped as

shown, up 2.0 ft w/rocks piled around base

from which:

1.5' by 1.5' Rock "X", $N22^{\circ}\text{E}$, 37.13 ft

1.0' by 1.3' Rock "X", $N81^{\circ}\text{E}$, 59.07 ft

3.7' by 2.0' Rock "X", 503°E , 32.83 ft

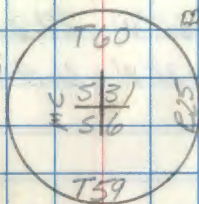
R. Pine 21.9, 526°W , 102.15 ft to 16 d nail in

east face double blaze set: MC 56 BT w/6 d spike

Established: Metal fence post, east, 3.0 ft

N/54-2, 54-9

Dist to lakeshore - west, 44.0 ft



Original Gov't Survey A-3/4
MC West shore slawson lake

1936?

1952 Frank Wray survey
set Iron monument from which:

W. Birch, 9 in, S68°W, 27.2 ft

W. Birch, 7 in, N72°W, 26.4 ft

1970 county survey

Found: county monument from which:

1952 Birch, 7 in, N72°W, 26.40 ft

1969 Oak, 3 in, S20°W, 14.98 ft

4/83 corner reset by county 6

Wht. Pine, 6", S18°E, 5.84'

Balsam, 6", N17°E, 9.97'

Birch, 6", S77°W, 18.99'

✓ A-1
T. 59N R. 25W NW Twp Corner
Original Gov't Survey

Nov 26, 1874	Post & BT's				
Birch	9	N60W	45 lks	29.70 ft	
Birch	9	S55E	30 lks	19.80 ft	
Birch	8	N40E	32 lks	21.12 ft	
W. Pine	9	S35W	15 lks	9.90 ft	

1936 ?

1952 Frank Wray survey

recovered: 2 iron monuments closely placed from which:

Gov't Pine stub, S27°W, Gov't dist established:

poplar, 6 in, N52°E, 19.15 ft

poplar, 6 in, N58°W, 17.10 ft

Twin N. Pine, 6 in, S27°W, 18.55 ft

N. Pine, 6 in, S60°E, 13.80 ft

7

1969 County survey
recovered: A C.C.C. monument from which

1952 N. Pine, 6 in, S60°E, 13.8 ft

1952 Twin N. Pine, 6 in, S27°W, 18.55 ft

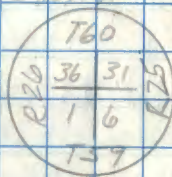
1952 Aspen, 6 in, N58°W, 17.10 ft

1952 Aspen, 6 in, N52°E, 19.15 ft

GLD Pine stub, S17°W, GLD dist from corner

G. Kozanto Recovery Sept 2, 1982

Recovered a 2 in I.D. iron pipe with a 2 1/2 in iron ^{well} cap stamped:



up 155 feet from which:

1979 Red Pine, 5.4 in, N72°E, 16.96 ft from 1 1/2 in nail inside of tree, s.e. "T5N R25W S31 BT" visible, w/lead spike

1952 Red Pine, 12.2 in, S52°E, 13.92 ft from 1 1/2 in nail in side of tree, sec overgrown, w/lead spike

Pine stump, S19°W, 61.93 ft from approx tree base, badly rotted & decayed, w/wood spike

1952 ^{Twin} Red Pine, 11.6 in, S31°W, 18.81 ft from 1 1/2 in nail in side of tree, ^{same sec visible} base mostly overgrown, w/wood spike

1952 Aspen, 15.1 in, N51°W, 17.39 ft from 1 1/2 in nail in side of tree, base overgrown, w/wood spike

Metal sign post, east, 5.10 ft, w/542

Metal sign post, S86°W, 2.62 ft, w/54-2, 54-4

T59N R25W M.C. No. Shore E. Lake

Original Govt. Survey

N. Birch, 8", N 25° E, 16 lks

N. Pine, 9", N 85° W, 13 lks

1970 Est.

Birch, 5", S 58° W, 15.76'

N. Pine, 13", N 05° W, 33.50'

March, 1983 Est.

N. Pine, 5", S 45° W, 22.20'

W. Pine, 4", N 42° W, 11.59'

July 17, 1984

See other side.

Itasca county surveyors office has this cap stamped as a MC. This is not at the last proportionate position. Therefore I call it a line point.

Rem. P. Kosenko
7/17/84

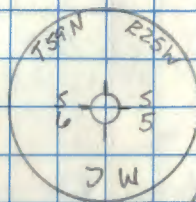
July 17, 1984

P'tly Cloudy, cool, breeze

PC to G. Kosenko

B. Ausk

G. Robertson



Decl = 5° East

Recovered a 2 inch diameter (outside) by 1.9" ~~th~~ above ground iron pipe with a 3 inch diameter aluminum cap stamped as shown.

From which: (Recovered)

- 1970 Red Pine, 15.5 in, N 03° E, 3406 ft to 16d nail in east face, double blazed ptly overgrown "MCS5BT" w/60d spike
- 1983 Red Pine, 5.4 in, S 48° W, 20.45 ft to 16d nail in NW face, double blaze ptly overgrown, "MCS6BT" w/60d spike
- 1970 W. Birch, 8.3 in, S 63° W, 15.81 ft to 16d nail in north face, double blazed ptly overgrown "MCS6BT", w/60d spike
- 1983 W. Pine, 4.8 in, N 33° W, 11.73 ft to 16d nail in NE face, double blaze see: "MCS6BT" w/60d spike

Established:

Metal fence post, north, 4.30 ft w/54-9

T59N R25W $\frac{1}{4}$ Sec. 1+6

C-1

Original Govt. Survey

Tamarack, 8", S 30°W, 121ks

Tamarack, 7", N 10°E, 61ks

1954 Frank Way

Found original stake and one Tam. stump
Est.

Spruce, 8", S 18°W, 21.8'

Spruce, 8", N 52°E, 26.3'

Feb., 1983

Spruce in SW Quad dead

Est.

Cedar, 10", N 48°E, 39.97'

Cedar, 10", S 35°E, 27.63'

Cedar, 8", N 70°W, 11.26

See T59N, R26W, BK 3, pp 19

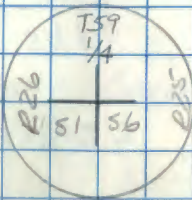
9

July 3, 1984 USFS Recovery by

G. Kosenko

G. Robertson

B. Ausk



Decl = 5°E

Recovered a 2 inch outside diameter by
2.1 feet above ground iron pipe with
a 3 inch diameter aluminum cap stamped
as shown

From which

Cedar, 10.3 in, N 44°E, 40.38 ft to 16d nail in
south face, double blaze, scr: "1/4 S 6 BT" w/ 60d spike

Cedar, 11.0 in, S 32°E, 27.79 ft to 16d nail in
SW face, double blaze, scr: "1/4 S 6 BT" w/ 60d spike

Cedar 7.0 in, N 66°W, 11.50 ft to 16d nail in
NE face, double blaze, scr: "1/4 S 1 BT" w/ 60d spike

Established:

Metal fence post, east, 40 ft w/ 542-549

Metal fence post, south, 3.0 ft w/ 54-2

Also recovered:

1964 Spruce stump, N 54°E, 26.15 ft to face
blaze, tree fallen over, no scr visible w/ 60d spike

1964 Spruce stump, broken off, S 24°W, 21.72 ft to
face blaze, scr partly visible, w/ 60 spike
double blaze

T59 N R25W 1/4 Sec. 546

Original Govt. Survey

N. Pine, 18", N 38°W, 81ks

Aspen, 9", S 89°W, 451ks

May, 1938 F. Uhler

Set a 1 1/2" iron pipe 54" long capped and marked, from which bears:

Orig. N. Pine, 18", N 38°W, 81ks (alive)

5" cedar post wht with red top, 2' NW

1969

Orig. N. Pine, 30", N 38°W, 5.3'

4" cedar post, 2' NW

Est.

N. Pine, 18", S 55°E, ?

March, 1983

Orig. N. Pine, 30", N 38°W, 4.83'

C-5

Est.

10

N. Pine, 20", N 78°W, 46.27'

N. Pine, 22", S 48°E, 43.98'

Dec 28, 1983 Corner Recovery USFS

T59
L/S
R25

by G. Koenig
S. Carr
J. Jackson

Recovered a 2" O.D. rusted iron pipe with a 2 1/2" diam. iron ^{well} cap stamped as shown up 1.4 inches out of ground from which:

Original

1974 Red Pine, 27.6", N 39°W, 5.15 ft to face of blaze no scribing visible w/60d spike
COUNTY REBLAZED THIS TREE "1/4 56 BT"
OTHER BT'S RECOVERED

1983 Red Pine, 29.0", S 40°E, 44.87 ft to 16d nail in SW face double blazed ser: "1/4 55 BT" w/60d spike
this tree was reblazed and scribed by the county

1983 Red Pine, 21.4", N 79°W, 47.09 ft to 16 nail in North face, double blazed ser: "1/4 56 BT" w/60d spike

Established:

Metal fence post, south, 3.0 ft w/54-9

T59N R25W $\frac{1}{4}$ Sec. 7-12
Original Govt. Survey

G-1

N. Pine, 6", N66°W, 20 lks

N. Pine, 11", N70°E, 30 lks

1939 set $1\frac{1}{2}$ " I.P. 54" long capped & marked
Found

N. Pine, N66°W, 15.2', Tag (alive)

N. Pine, N70°E, 19.8', Tag (dead)
Est.

N. Pine, 12", N05°E, 45.6' (blazed-no scribble)

1950 Johnson, set capped pipe

Found

N. Pine, 15", N07°E, 45.5'

~~Est.~~ original

N. Pine, 12", N65°W, 15.0'

5/81

"X" rock, $2\frac{1}{2} \times 3'$, S30°W, 20.35'

"X" rock, $2 \times 2\frac{1}{2}'$, S72°W, 13.80'

11

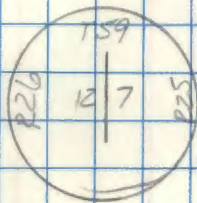
"X" rock, $3 \times 3'$, N66°E, 15.82'

July 11, 1984

PE of G. Kasenko

G. Robertson

B. Ausk



Red = 5° East

Recovered a 2 inch outside diameter iron pipe with a metal ^{well} cap attached on top and stamped as shown, up 1.7 feet from which:

Original Red Pine, 17.9 in, N57°W, 15.18 ft to 16 d nail in south face, blazes overgrown, w/60d spike

1939 Red Pine, 21.4 in, N12°E, 45.45 ft to 16d nail

in SE face, double blaze overgrown, w/60d spike

"X" Rock, $18 \times 2 \times 2'$, S27°W, 20.38 ft

"X" Rock, 3' diam, S70°W, 13.88 ft

(original)
Red Pine stump, badly rotted, N70°E, 20.35
nothing discernable on stump w/60d spike

Use no BT tags, red paint or posts

T59N R25W W $\frac{1}{2}$ Sec 6+7

E-102

11/14/39 Found a Tamarack post in good condition believed to be set by county. No BT's

July, 1984 USES Corner falls in water. See BK3 Pg 62

T59N R25W M.C. So. Shore E. Lake

EF-5

Original Govt. Survey

Aspen, 8", S26°E, 46.1Ks

W. Birch, 5", S42°W, 53.1Ks

1960 Pelequin

Birch, 8", S50°W, 29.35'

B.o.f.G., 5", S23°E, 5.74'

3/83

Birch, 9", S28°W, 33.24'

J. Pine, 15", N53°W, 36.14'

July 17, 1984

STA 1st H&D 2nd H&R

FS LP 147-37-23 327-38-30

BS 26 00-00-00 190-01-15

PT@27 147-37-23 147-37-15

2.33 ft

Itasca County stamped this as a MC. This is not at the last proportionate distance therefore it is a Line Point.

Clenn P. Kosenko
07/17/84

CERTIFICATE FILED 7-15-84

13

OVERCAST & RAIN

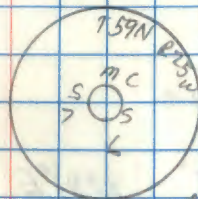
Temp. 74°E

B. Ausk

G. Robertson

G. Kosenko

5° Decl.



Reset ~~found~~ ^(O.D.) A 2" IRON PIPE up 1.0ft with A 3 INCH ALUMINUM CAP STAMP. AS SHOWN FROM WHICH

B.o.f.G.	8.6"	504E 16.11N 15W FACE	5130	8.63	Double BLAZE SCR	Usable
Birch	9.1"	52°W 16.11N 15W FACE	5130	8.54	Double BLAZE SCR	"MC 57"
Birch	12.7'	564W 16.11N 15W FACE	5130	30.08	Double BLAZE SCR	Usable
J. Pine	13.7"	153°W 57.66 16.11N 15W FACE	4724	35.89	Double BLAZE SCR	"MC 57"
METAL FENCE POST		545°W 4.0ft				

60d SPIKE in ALL BOTTOM BLAZES

ALL BLAZES AND POST PAINTED RED

S 1/4 Section 6

E-3

T59N R25W ~~M.E. W. Shore Mike's Lake Sec 6-7~~

Orig. Govt. Survey

Aspen, 8", S84°W, 36.1ks

Aspen, 5", N48¹/₄°W, 28.1ks

1960 Pekequin

Birch, 4", S03°W, 18.40'

Aspen, 6", N69°W, 30.22'

2/83

Found

Birch, 4", S03°W, 18.40'

Aspen, 6", N69°W, 30.22' (stub)

Est.

N. Pine, 4", N39°W, 30.01'

R. Oak, 4", S73°W, 44.77'

Original corner falls in water and
County W.C. to 1/4 location has changed

See BK 3 Pg 52

E-4/5
T59N R25W N.C. West Shore East Lake

Orig. Govt. Survey

W. Birch, 6", S67°W, 21.1Ks

W. Birch, 4", N72°W, 7.1Ks

1959 Peleguin (notes indicate this corner 7 ft west of original Mc)

B. of G., 7", S34°W, 4.49'

Birch, One West, 71.08'

6/82 Itasca Co.

Found

B. of G., 7", S34°W, 4.49'

Birch, west, west, 71.08'

Est.

Poplar, 13", S08°E, 16.31'

MC #78

16

Overcast Rain

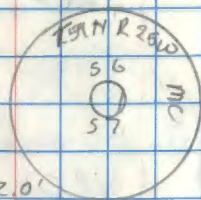
7-16-84

74° F

B. AUSK

G. ROBERTSON

5° Decl.



Found A 2' Iron Pipe 210'
up with 3 inch Aluminum Cap stamped as
shown:

From which:

1982 ASPEN 13.6 S30°E 16.65 to 1/2d nail N FACE

Double BLAZE SCR. "MC 57 BT"

1959 B. of G. 8.0" S42°W 4.13 to 1/2d nail SE FACE

Double BLAZE SCR. "MC 57 BT"

1959 Birch 9.7" N80°W 70.92 to 1/2d nail S FACE

Double BLAZE SCR. Visible

Metal Fence Post West 30' w/54-9

60d spike in all Bottom Blazes
Blazes and Post Painted Red

MC#90

T59N R25W W. Shore S. Bay Club house Lake

Orig. Govt. Survey

Spruce, 7", N82°W, 281Ks

Cedar, 6", S25°E, 171Ks

1930

1950? Johnson (No record)

Plat of 2^d Catholic Educational
& Recreational Community1957 Releguin, replace Johnsons pipe with
county monument

B. of G., 5", S29°W, 6.48'

B. of G., 8", N46°W, 33.37'

6/82

BT in S.W. Quad is a stump

No mention of BT in NW Quad
Est.

Birch, 7", S62°W, 29.84'

"X" rock, 1'x1', N40°W, 18.12'

J-1/2 East

17

OVERCAST RAIN

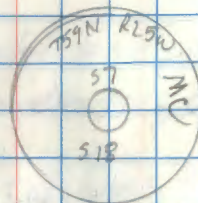
7-16-84

74° F

B. AUSK

G. ROBERTSON

5° E decl.



Found a 2" Iron Pipe

up 1.8" with a 3" Aluminum CAP STAMPED
AS SHOWN:

FROM WHICH:

1982 Rock 7.5" S66°W 29.81 + 16d NAIL ON SE FACE

Double Blaze "MC 57 BT" 60d spike

B. of G. stump S30W 6.49 + 16d NAIL ON NW FACE

Scr. "BT" visible 60d spike

B. of G. Blow down BLAZES, visible NW QUAD.

1982 "X" Rock 1' by 1' N35°W 18.07'

Metal fence post, west, 3.0' W/54.9

BT's and post painted red

MC #91

J-3/4

T59N R25W M.C. E. Shore S. Bay Clubhouse

Orig. Govt. Survey

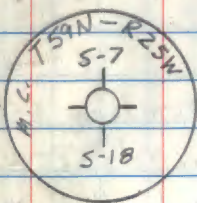
Cedar, 8", N54°E, 37/ks

Spruce, 5", S05°E, 26/ks

1959 Requin (set county cor.)

Birch, 9", N37°E, 27.55'

Birch, 8", S81°E, 18.88'

Recl:
5° East

July 18, 1984

Glenn Kosenko

Bill Ausk

Greg Robertson

Recovered a 2 inch outside diameter iron pipe with a 3 inch diameter aluminum cap, stamped as shown, up 2.1 feet, from which
 W. Birch, 10.3 in, N44°E 27.83 ft to 1/6d nail in west face, double blazed scr: "MC 57 BT" w/60d spike
 W. Birch, 10.2 in, S82°E, 19.16 to 1/6d nail in north face, double blaze overgrown, w/60d spike

CERTIFICATE FILED

18

Established:

Metal fence post, east, 3.0 ft w/54-9

All BT's and metal fence post painted red except there is no ring on trees

This corner is not an MC. Itasca Co did not set this at the lost position. Therefore this is a Line Point.

This is a Witness Corner
36.49 feet east of the
lost position for MC #91

9-19-84

Kim Whitaker

MC#94

HJ-1

T59N R25W MC. N. Shore Clubhouse

Orig. Govt. Survey (corner is 5" aspen tree)

Cedar, 4", East, 41ks

W. Pine, 5", N87°W, 211ks

1954 (no original evidence found, corner reestablished)

W. Pine, 20", S50°W, 20.50'

W. Birch, 5", N07°E, 12.45'

1977 Milo Stephan found m. + 1954 ties

1981 R. Olesen found monument and 1954 ties
Est.

"X" rock, 1' x 1½', S38°W, 16.18'

"X" rock, 3½' x 3', N26°E, 49.54'

6/82

1981 "X" rock 16.26'

1981 "X" rock 49.54'

Est.

"X" rock, 1' x 2', N21°E, 49.35'

19

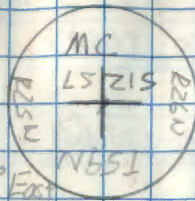
July 11, 1984

Clear, hot, breeze

PC # G. Kosenko

B. Robertson

B. Ausk



Del. 5" Ext

Recovered a 2 inch outside diameter iron pipe
with a 3 inch diameter aluminum cap stamped
as shown, up 1.8 ft from which:W. Birch stub, N104°E, 12.89 ft to 16d nail in
east face, double blaze visible, "T59N R25W S7MC" w/od spikeW. Pine, 26.0 m, S16.5°W, 21.41 ft to 16d nail in
east face, double blaze visible, "N R26" w/od spike

'X' Rock, 1' x 1½', S42°W, 16.19 ft

'X' Rock, 3½' x 3', N24°E, 44.83

Used no paint or metal fence post
This corner is just North of boat
landing

See T59N, R26W, BK 3, pp 13

EF-1
T59N R25W M.C. S. Shore Copenhagen Lake

Orig. Govt. Survey

Spruce, 5", S31°E, 48.1ks (31.68')

Fir, 6", S29°W, 54.1ks (35.64')

6/24/37 I.P. 2" x 22" up 2"

Spruce, 5", S31°E, 48.1ks (dead)

Est.

Aspen, 6", S31°E, 86.1ks (56.76')

Witness Corner to ~~#6~~ section corner 1, 6, 7, 12

1950 F. Wray Corner last, reset

N. Pine, 18", S46°W, 48.5'

Birch, 8", S59°E, 29.70'

3/54

N. Pine, 20", S44°W, 48.50'

Birch, 8", S59°E, 29.70'

2/83

N. Pine, 18", South, 70.00'

⁵¹⁷
CERTIFICATE FILED

20

Birch, 9", S50°E, 25.91'

Dec. 8, 1983 Whitehorn & Kosenko

found Gjelhaugs IP beam
under the Ice of Copenhagen
Lake. Chopped out Ice &
straightened. Found old

frozen stump remains for
1937 Aspen & Gjelhaugs B&D.
also found stump remain at
orig B&D for fir SW.

No evidence of Orig Spruce
& B&D. Took samples of
found stumps & send to
Madison to the wood
Products Lab.

Dec 30, 1983 B. Ausk, G. Robertson, G. Kosenko

Tied in Aspen stump to MC.

Aspen stp., S28°E, 58.2 ft.

Mc#92

GH-1

T59N R25W M.C. N. shore Clubhouse

Orig. Govt. Survey (corner is 8" Aspentree)

Aspen, 7", N80°W, 201ks

Aspen, 6", N79°E, 81ks

1954 Corner proportioned

Birch, 5", N13°E, 27.22'

Birch, 7", N49°W, 15.78'

1977 M. to Stephan Found Mo. and 1954 ties

1981 R. Olesen Found Mo. and 1954 ties
Est.

"X" rock, 2' x 2', N58°W, 44.55'

"X" rock, 1½ x 2', S68°W, 4.53'

21

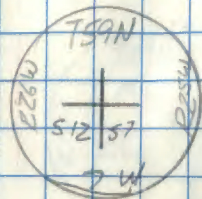
July 11, 1984

Clear, cool breeze

R. to G. Kosenka

B. Ausk

G. Robertson



Decl. = 5° East

Recovered a 2 inch outside diameter iron pipe with a 3 inch diameter aluminum cap stamped as shown, up .7 feet from which:

W. Birch, 11.5 in, N31°W, 15.76 to 16d nail in SW face, double blaze, overgrown, w/ 16d spike

W. Birch 9.1 in, N24°E, 27.21 to 16d nail in east face, double blaze mostly overgrown, w/ 16d spike

W. Pine 6.4 in, N20°E, 15.78 ft to 16d nail in east face, double blaze, scribble "MC57BT", w/ 16d spike

"X" Rock, 1½ x 2, N65°W, 44.56 ft

"X" Rock, 1½ x 2, S62°W, 4.52 ft

Nothing was painted and no posts were used here or BT tags.

MC#93

6H-1

T59N R25W M.C. S. Side Clubhouse Lake

Orig. Govt. Survey (corner is 5" aspen)

Birch, 10", S88°W, 111Ks

Cedar, 6", S40°E, 81Ks

1954 corner reestablished

W. Pine, 20", N74°W, 29.10'

W. Birch, 3", S16°E, 56.85'

1977 Milo Stephas found corner and ties

1981 R. Olesen found corner and ties
Est.

"X" rock, 1/2 x 3', S52°W, 17.45'

"X" rock, 2' x 4', S78°W, 5.83'

6/82

Est

"X" rock, 1' x 1', S16°E, 38.97'

22

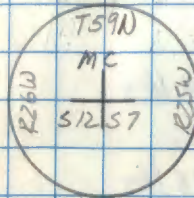
July 11, 1984

Clear, hot, breeze

PC of G. Kasenko

- B. Ausk

G. Robertson



Recovered a 2 inch outside diameter iron pipe with a 3 inch diameter aluminum cap stamped as shown, up 1.4 feet from which:

W. Pine 24.4 in, S84°W, 29.43 ft to 16d nail in north face, partly overgrown

W. Birch 6.7 in, S10°E, 57.13 ft to 16d nail in west face, blazes overgrown, w/food spike

"X" Rock, S78°W, 5.83 ft, 2' x 3'

"X" Rock, S40°W, 17.53 ft, 5' x 3'

Double checked BEARING & Rock Size
"X" Rock 10' x 10', 39.21 ft, S16°E

Established:

Metal fence post, south, 3.0 ft w/54-9

(Did not paint at this corner)

T57N R25W Sec. Co 7, 8, 17, +18

Orig. Govt Survey

B. of G. , 8" , N80°W, 541ks

B. of G. , 5" , S62°W, 481ks

Tam , 4" , S40°E, 1181ks

Cedar , 5" , N88°E, 1391ks

? Johnson Subdivision

No info.

1959 Peleguin

Found very old post on W. edge of
river. No other evidence found but
fits GLO distances. Set county rd.

Oak , 9" , N76°W, 105.74'

B. of G. , 10" S88°W, 74.82'

T59N R25W W.C. To Sec. 1, 6, 7, 12

No shore Copenhagen Lake

Orig. Govt. Survey

N. Pine, 7", N45W, 301Ks 26.489

Tan, 6", N30°E, 281Ks 20.489

4/28/83 Itasca Co.

Moved W.C. 400'± from waters edge
and witnessed

Spruce, 12", N48°W, 36.90'

N. Pine, 6", S10°E, 34.39'

N. Pine, 5", S73°E, 19.23'

Mar 29, 1984 K. Whitehorn & G. Kosenko, chained
across ice from MC on South
shore of Copenhagen. Could find
no evidence of this corner position

July 3, 1984

Obliterated County Monument 400
ft northerly (after consultation
with County Surveyor, Gerry Sullivan).

See T59NR26 W, BK 3, PP 18
See Book 3, PP 49

T59N R25W

Closing angle for traverse of sec 7

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

H&R

FS 2 179-33-37 359-33-22 179-33-30 359-33-19

BS 101 00-00-37 180-00-17 00-00-29 180-00-18

T@1 179-33-00 179-33-05 179-33-01 179-33-01

179-33-1.75

Dist 101-1 90-00-00 270-00-00 90-00-00 1522.31 1522.31

Dist 1-101 90-02-19 269-57-31 90-02-24 1522.33 1522.33

Nov 4, 1983

Partly cloudy, cold

PC in B. Kosenko

TT B. Ausk

T-2 S/N 265184

Red/A SW 4863

1522.32

T59N R25W

Sec. 7 Subdivision

 STA 1stH&D 2ndH&R 3rdH&D 4thH&R
 HA

Dist. 1-2	81-29-10	278-30-39	73.33
Dist. 2-1	99-11-55	260-48-01	260-48-03
			73.49
			72.55

FS 3	179-22-40	359-22-19	179-22-36	359-22-20
BS 1	00-00-50	180-00-16	00-00-30	180-00-16
⊥@ 2	179-22-10	179-22-03	179-22-06	179-22-04
		179-22-06		

Dist. 2-3	88-20-26	271-39-31	271-39-33	297.12	297.00
-----------	----------	-----------	-----------	--------	--------

Dist 3-2	91-47-06	268-12-50	268-12-52	297.13	296.99
----------	----------	-----------	-----------	--------	--------

FS 4	183-39-56	03-39-41	183-40-00	03-39-44
BS 2	00-00-28	180-00-10	00-00-29	180-00-08
⊥@ 3	183-39-28	183-39-31	183-39-31	183-39-36
		183-39-32		

Dist 3-4	98-45-27	261-14-32	261-14-33	146.36	144.65
----------	----------	-----------	-----------	--------	--------

Dist 4-3	81-29-41	278-30-06 278-05-29	278-30-13	146.27	144.66
----------	----------	-----------------------------------	-----------	--------	--------

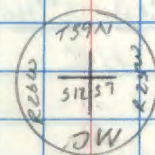
 10/24/83
 JBR

Oct 21, 1983

H_g = 30.0

Temp = 42°F

E.C.F. = -1

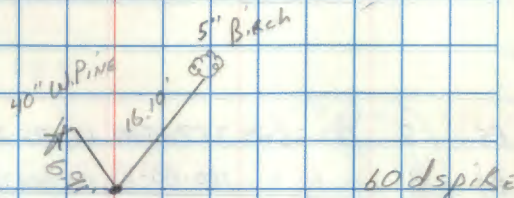


P.C. ⓈⓈⓈ B. Ausk

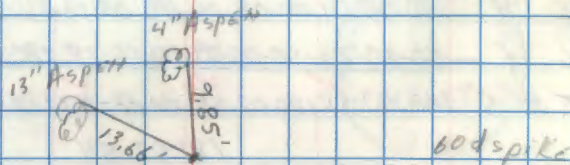
G. Robertson

STA. 1

MC by boat landing

P₂ 19

296.99



144.66

T59N R25W

Sec. 7 subdivision

STA 1st HAR 2nd HAR 3rd HAR 4th HAR
H4

FS 5 177-25-29 357-25-09 177-25-29 357-25-09

BS 3 00-00-33 180-00-10 00-00-32 180-00-19

K@ 4 177-24-56 177-24-59 177-24-57 177-24-50

177-24-56

Dist 4 to 5 89-54-21 270-05-29 270-05-34 699.61 699.61

Dist 5 to 4 90-08-52 269-51-11 269-51-10 699.64 699.64

BS 4 180-08-24 00-08-04 180-08-19 00-08-05 ?

FS 6 00-00-29 180-00-09 00-00-28 180-00-10

K@ 5 180-07-55 180-07-55 180-07-51 180-07-55

180-07-54

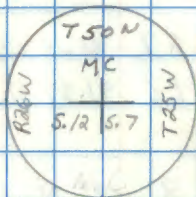
Dist 5 to 6 89-24-54 270-35-01 270-35-04 86.85 86.85

Dist 6 to 5 91-00-30 268-59-26 268-59-28 86.85 86.84

10/24/83
JHR

Oct 21, 1983

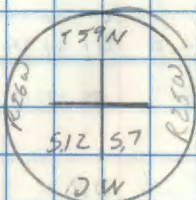
STA 4 =



Pg. 22

699.63

STA 5 =



Pg. 21

86.84

T59N R25W

Sec. 7 Subdivision

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

FS 7 180-09-36 00-09-21 180-09-35 00-09-18

BS 5 00-00-29 180-00-10 00-00-27 180-00-12

T@ 6 180-09-07 180-09-11 180-09-06 180-09-06
180-09-08

Dist 6 to 7 88-24-22 271-35-46 271-35-39 729.30 729.08

Dist 7 to 6 91-37-36 268-22-17 268-22-21 729.32 729.03

FS 8 179-01-22 359-01-00 179-01-15 359-00-57

BS 6 00-00-36 180-00-16 00-00-34 180-00-15

T@ 7 179-00-46 179-00-44 179-00-41 179-00-42
179-00-43

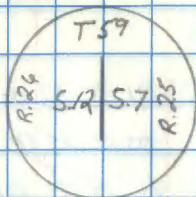
Dist 7-8 91-51-59 268-08-02 268-08-02 528.52 528.24

Dist 8-7 88-12-18 271-47-43 271-47-43 528.52 528.26

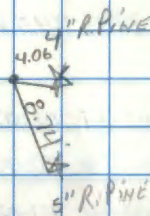
10/24/83
H&R

Oct 21, 1983

STAGE =



729.03



STA 7 = 60d spike

528.25

T59N R 25W

SEC. 7. Subdivision

Cont. from PAGE 28

STA.

FS	9	181-15-37	01-15-19	181-15-29	01-15-11
BS	7	00-00-28	180-00-00	00-00-20	179-59-56
T@	8	181-15-09	181-15-17	181-15-09	181-15-15
			181-15-13		

Dist B-9 70-38-38 269-21-14 269-21-19 340.66 340.64

Dist. 7-8 89-27-46 270-32-12 270-32-13 340.66 340.65

FS 10 181-02-38 01-02-13 181-02-37 01-02-18

BS 8 ~~00-00-26~~ ~~180-00-05~~ ~~00-00-23~~ ~~180-00-07~~

T@ 9 181-02-12 181-02-08 181-02-14 181-02-11

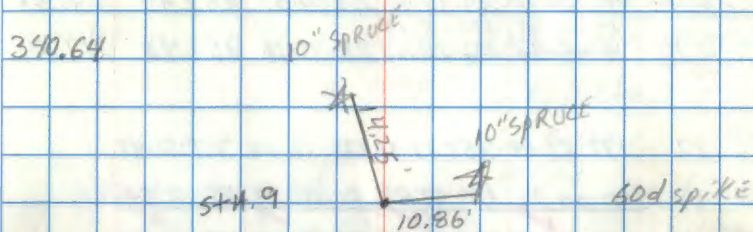
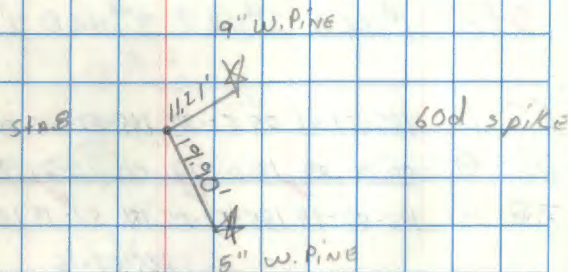
181-02-11

Dist 9-10 83-18-38 276-41-17 276-41-20 338.02 335.72

Dist. 10-9 76-45-13 263-14-42 263-14-45 338.05 335.70

10/24/83
HJR

Oct. 21, 1983



335.71

T59N R 25W

SEC. 7. Subdivision

Cont. from 29

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

FS 11 185-57-43 05-57-27 185-57-40 05-57-26

BS 9 00-00-29 180-00-12 00-00-22 180-00-11

T@ 10 185-57-14 185-57-15 185-57-18 185-57-15
 185-57-16

Dist. 10-11 70-25-36 269-34-18 269-34-21 257.49 257.48

Dist. 11-10 ~~87-41-45~~ ~~270-18-17~~
~~86-15-37~~ ~~272-41-19~~ 270-18-16 257.48 257.48

FS 12 178-52-09 358-51-51 178-52-08 358-51-47

BS 10 00-00-27 180-00-04 00-00-19 180-00-05

T@ 11 178-51-42 178-51-47 178-51-49 178-51-42

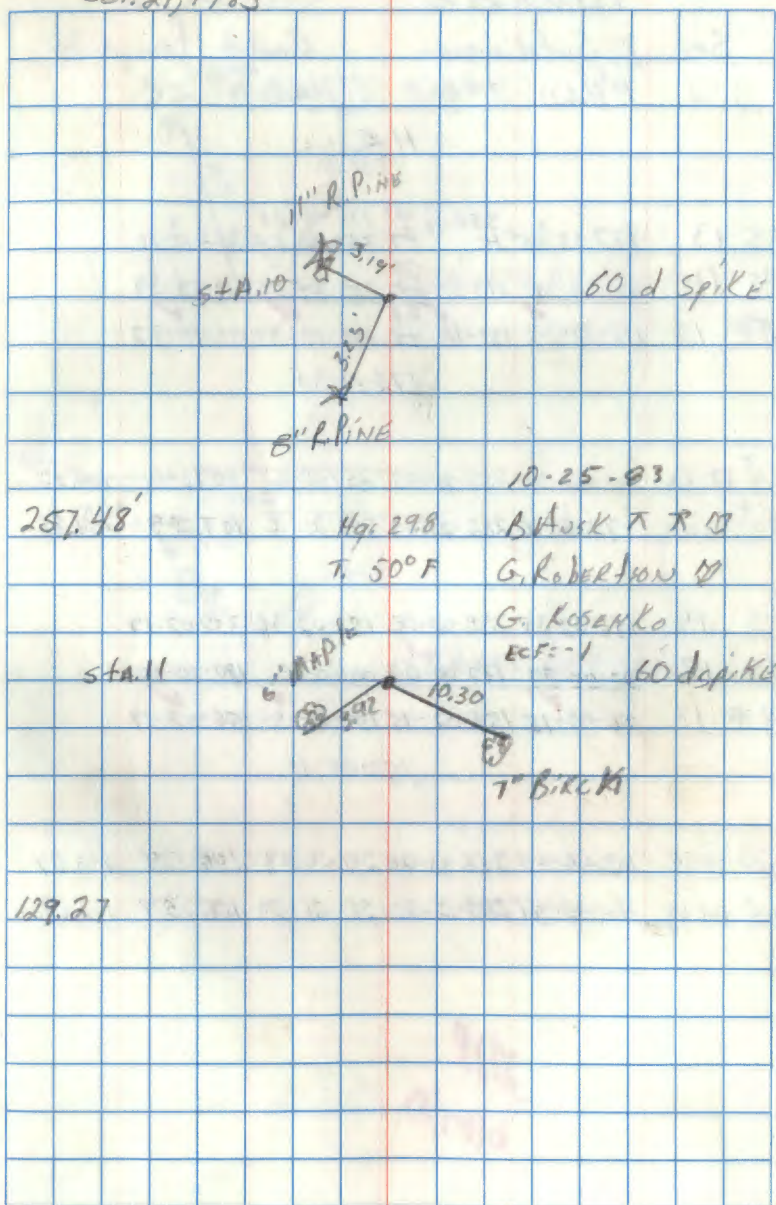
178-51-45

Dist 11-12 86-15-37 273-44-17 273-44-21 129.56 129.28

Dist 12-11 94-01-32 265-58-17 265-58-23 129.58 129.26

DJR
 10/27/83

Oct. 21, 1983



TS1N R25W

Sec 7 Subdivision Cont'd from p. 30
STA 1st HAR 2nd HAR 3rd HAR 4th HAR

HA

FS 13 172-18-45² 352-18-01⁰¹ 172-18-28¹⁰ 352-18-24¹⁰ 352-18-11³⁵²⁻¹⁸⁻⁵⁶BS 11 00-00-18 179-59-42³⁹ 357-59-56⁴² 179-59-39⁴²T@ 12 172-18-27 172-18-42²⁸ 172-18-32 172-18-32²⁸

172-18-30

Dist 12-13 102-42-30 257-18-33 257-18-02 107.45 104.82

Dist 13-12 77-38-42 282-21-13 282-21-16 107.29 104.81

FS 14 156-02-35 336-02-18 156-02-36 336-02-19

BS 12 00-00-20 180-00-03 00-00-23 180-00-00

T@ 13 156-02-15 156-02-15 156-02-13 156-02-19

156-02-16

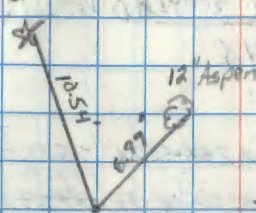
Dist 13-14 103-46-34 256-13-20 256-13-23 106.74 103.67

Dist 14-13 76-33-41 283-26-20 283-26-20 106.57 103.65

JHR
6/27/05

Oct 25, 1983

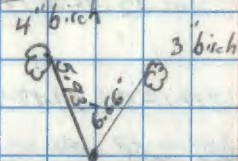
3" balsam



STA 12 = 60d spike

104.81'

old Road



STA 13 = 60d spike

103.66

T59N R25W

Sec. 7 Subdivision Cont'd from pg 31
 STA 1st H40 2nd H4R 3rd H4D 4th H4R
 H4

F FS 15 255-33-27 75-33-08 255-33-26 75-33-08¹⁰
 E BS 13 00-00-25 180-00-03 00-00-19 ~~179-59-56~~
 T @ 14 255-33-02 255-33-05 255-33-07 255-33-14

See also PP 79 this Book
 255-33-07

D Dist 14-15 90-~~33-27~~²⁹⁻³⁵ 269-30-24 269-30-25 157.19 157.18
 D Dist 15-14 89-44-33 270-15-17 270-15-22 157.17 157.17

F FS 16 219-17-55 39-17-34 219-17-50 39-17-31
 E BS 14 00-00-30 180-00-09 00-00-22 180-00-05
 T @ 15 219-17-25 219-17-25 219-17-28 219-17-26
 219-17-26

D Dist 15-16 87-24-40 272-35-26 272-35-23 259.66 259.99
 D Dist 16-15 92-44-02 267-15-51 267-15-55 259.66 259.36

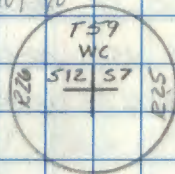
2JR
 10/27/83

Oct 25, 1983

Go to PP 79 this BK
 for sideshot to

orig MC

STA 14 =

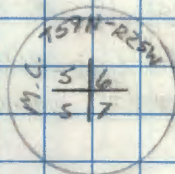


Itasca Co. monument

WC ~~MC~~ on south
 shore Copenhagen Lake

157.18

STA 15 =



Itasca Co. monument

MC east shore
 Copenhagen lake

259.38

T 59N R25W

Sec 6 & 7 Subdivision cont'd from 32

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

H &

FS 17 180-55-28 00-55-10 180-55-32 00-55-15

BS 15 00-00-24 180-00-00 00-00-21 180-00-02

T@ 16 180-55-04 180-55-10 180-55-11 180-55-13

180-55-10

Dist 16-17 90-01-54 271-58-06 271-58-06 243.07 242.93

Dist 17-16 92-07-20 267-52-34 267-52-37 243.09 242.92

FS 18 180-00-27 00-00-08 180-00-24 00-00-05

BS 16 00-00-29 180-00-14 00-00-29 180-00-15

T@ 17 179-59-53 179-59-54 179-59-55 179-59-50

179-59-54

Dist 17-18 90-18-18 269-41-43 269-41-43 1807.71 1807.68

Dist 18-17 89-43-12 270-16-47 270-16-48 1807.72 1807.70

JJP
10/27/83

Oct 25, 1983

6" Spruce



8" Balsam



6.47

STA 16 =

60d spike
w/washer
Itasca Co

242.93

7" R. Pine



3.89

4.15

4" R. Pine

STA 17 = 60d spike
w/washer
Itasca Co

1807.69

T59N R25W

Sec 6 & 7 Sub. traverse cont'd from pg. 34

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

H 4

FS 19 215-35-09 35-35-29 215-35-52 35-35-33

BS 17 00-00-34 180-00-21 00-00-37 180-00-23

PI@ 18 215-35-15 215-35-08 215-35-15 215-35-10

215-35-12

Dist 18-19 96-33-19 263-26-41 263-26-41 101.21 100.55

Dist 19-18 83-48-32 276-11-16 276-11-22 101.14 100.55

FS 20 162-41-42 342-41-24 162-41-46 342-41-28

BS 18 00-00-~~35~~⁴² 180-00-19 00-00-45 180-00-22PI@ 19 162-41-00 162-41-05 162-40-~~29~~⁴¹⁻⁰¹ 162-41-06

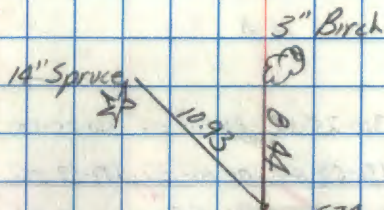
162-41-03

Dist 19-20 88-31-27 271-28-14 271-28-24 864.53 864.24

Dist 20-19 91-30-53 268-28-56 268-29-02 864.49 864.19

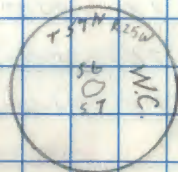
HJR
11/8/83

Oct 25, 1983

STA 18 = 60d spike
w/ washer
Itasca Co

100.55

Oct. 26, 1983



STA 19 =

Itasca Co. Monument

MC 70 1/4 pg. 15

864.22

T59N R25W

Sec 6 & 7 Sub traverse cont'd from pg 34

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

H &

FS 21 130-26-04 310-25-52 130-26-08 310-25-50

BS 19 00-00-17 179-59-57 00-00-14 179-59-56

T @ 20 130-25-47 130-25-55 130-25-54 130-25-54

130-25-53

Dist 20-21 91-12-47 268-47-23 268-47-18 551.81 551.69

Dist 21-20 88-51-25 271-08-18 271-08-27 551.78 551.67

FS 22 194-22-24 14-22-04 194-22-21 14-22-02

BS 20 00-00-25 180-00-06 00-00-27 180-00-10

T @ 21 194-21-59 194-21-58 194-21-54 194-21-52

194-21-56

Dist 21-22 89-44-57 270-14-50 270-14-57 242.88 242.88

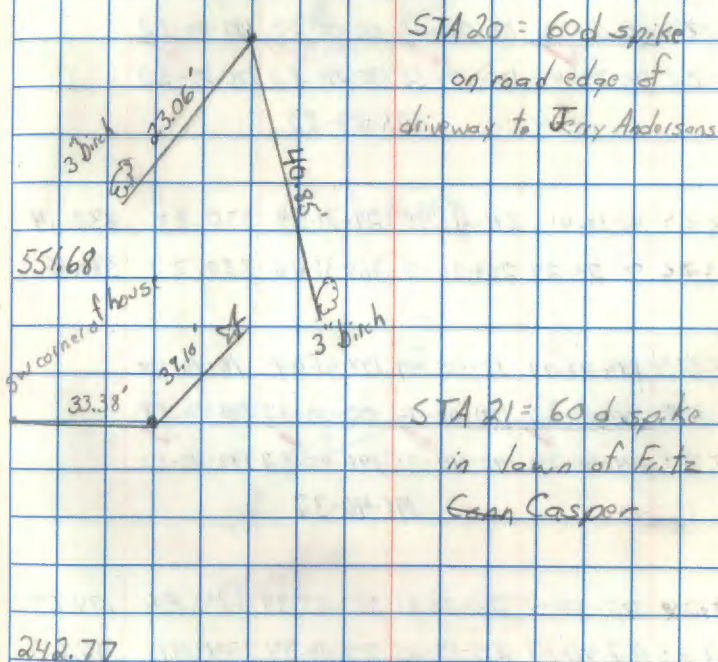
Dist 22-21 90-24-19 269-35-48 269-35-45 242.66 242.65

JBR
11/2/83

Oct 26, 1983

B. Ausk T & M P.C.

Clear, breezy, 50°F G. Robertson T & M

STA 20 = 60d spike
on road edge of
driveway to Jerry AndersonsSTA 21 = 60d spike
in lawn of Fritz
Camp Casper

242.77

T59N R25W

SEC. 6 & 7 SEC. Subd. Cont. from Pg 35
STA 1st H&D 2nd H&D 3rd H&D 4th H&D

FS 23 175-30-23 355-30-03 175-30-17 355-30-04

BS 21 00-00-35 180-00-08 00-00-27 180-00-12

T@ 22 175-29-48 175-29-55 175-29-52 175-29-52

175-29-52

Dist. 22-23 88-38-01 271-21-48 271-21-54 330.23 330.14

Dist. 23-22 91-28-29 268-31-12 268-31-22 330.22 330.11

FS 24 198-41-02 18-40-49 198-41-04 18-40-48

BS 22 00-00-33 180-00-14 00-00-32 180-00-18

T@ 23 198-40-29 198-40-35 198-40-32 198-40-30

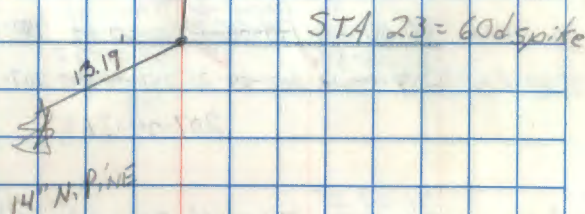
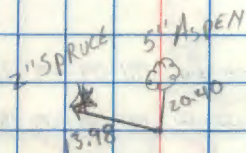
198-40-32

Dist. 23-24 92-32-15 267-27-31 267-27-38 174.86 174.69

Dist. 24-23 87-40-17 272-19-25 272-19-34 174.81 174.67

GJR
11/8/83

Oct. 26, 1983



174.68

T59N R25W

Sec 7 Subdivision Cont'd from pg 36
 STA 1stH40 2ndH4R 3rdH4D 4thH4D
 H4

FS 25 191-10-14 11-09-52
~~11-09-50~~ 191-09-49 11-09-57

BS 23 00-00-29 180-00-02
~~179-57-50~~ 00-00-09 180-00-02

T@ 24 191-09-45 191-09-50 191-09-40 191-09-55

191-09-48

Dist 24-25 89-46-32 270-13-29 270-13-29 278.91 278.91

Dist 25-24 90-18-37 269-41-18 269-41-21 278.89 278.89

BS 26 207-04-51 27-04-29 207-04-44 27-04-39
 05-04 43 05-04

FS 24 00-00-29 180-00-15 00-00-29 180-00-11
 30 179-55-23 32

T@ 25 207-04-22 207-04-28 207-04-20 207-04-28
 04-34 04-32

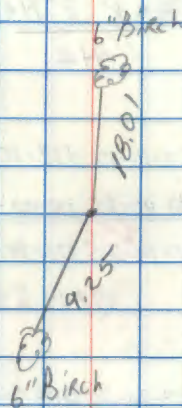
207-04-31

Dist 25-26 91-57-35 268-02-16 268-02-21 404.96 404.72
~~92-02-00~~

Dist 26-25 88-27-46 271-55-31 271-55-33 404.94 404.71
~~88-04-50~~ 88-04-26

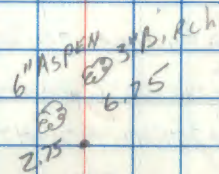
JHR
 11/8/83

Oct. 26, 1983



60 d spike

278.90



60 d spike

404.72

T59N R25W

Sec 7 Subd. Cont. from Pg. 37

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

H4

FS 27 178-15-~~08~~¹⁵ 358-14-53 178-15-18 358-14-56BS 25 00-00-~~27~~⁴⁸ 180-00-28 00-00-44 180-00-30T@ 26 178-14-~~37~~³¹ 178-14-25 178-14-34 178-14-26

178-14-29 See pp 79

This Book

Dist. 26-27 90-39-44 269-20-20 269-20-18 144.07 144.06

Dist. 27-26 89-35-49 270-24-24 270-24-18 144.07 144.07

FS 28 264-48-~~26~~¹⁷ 84-48-01 264-48-16 84-47-59BS 26 00-00-~~24~~²⁶ 180-00-12 00-00-29 180-00-12T@ 27 264-48-~~02~~⁴⁷⁻⁵¹ 264-47-49 264-47-47 264-47-47

264-47-49

Dist 27-28 73-48-32 286-11-32 286-11-30 141.95 136.32

Dist 27-28 106-26-29 253-33-25 253-33-28 142.11 136.30

H&R
11/18/83

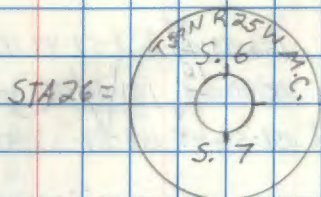
Oct 27, 1983

B. Ausk T&M

G. Robertson T&M

clear, cool, breezy

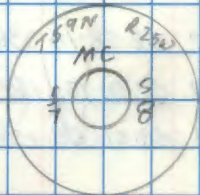
Temp 45°F



M.C. West shore East

Lake pg 16

144.065

M.C. South shore of
East Lake pg. 13

144.06

136.31

T59N R25W

Sec 7 subdivision Cont'd from pg 38

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

H&A

FS 29 158-58-⁰⁵13 338-57-43 158-57-59 338-57-37BS 27 00-00-¹⁶25 180-00-10 00-00-17 180-00-06

T@ 28 158-57-48 158-57-33 158-57-42 158-57-31

Dist 28-29 86-09-49 273-49-54 273-50-03 90.85 90.65

Dist 29-28 94-15-09 265-44-59 265-44-55 90.89 90.64

FS 29 158-58-16 338-57-⁵⁵51 158-58-20 338-57-~~38~~BS 27 00-00-18 180-00-04 00-00-26 180-00-¹³17T@ 28 158-57-58 158-57-47 158-57-54 158-57-⁴²74

FS 29 158-58-15 338-57-48 158-58-07 338-57-51

BS 27 00-00-29 180-00-12 00-00-20 180-00-10

T@ 28 158-57-46 158-57-36 158-57-47 158-57-41

158-57-43

H&R
11/8/83

Oct 27, 1983

9.70³ birch
STA 28 = Kod spike

90.64

T59N R25W

Sec. 7 Subd. Cont. from Pg. 39

STA. 1st H&D 2nd H&R 3rd H&D 4th H&RFS 30 ~~177-24-44~~³⁵ 357-24-17 177-24-34 357-24-12BS 28 ~~00-00-05~~²⁹ 179-59-55 00-00-11 179-59-54T 29 ~~177-24-36~~²⁸² 177-24-22 177-24-23 177-24-18

177-24-22

Dist. 29-30 87-10-32 272-49-22 272-49-25 430.04 429.52

Dist. 30-29 92-54-40 267-05-22 267-05-21 430.09 429.54

FS 31 176-42-50 356-42-25 176-42-49 356-42-28

BS 29 ~~00-00-26~~ 180-00-01 00-00-19 180-00-05T 30 ~~176-42-24~~ 176-42-24 176-42-30 176-42-23

176-42-25

Dist. 30-31 90-03-56 269-55-58 269-56-01 311.76 311.76

Dist. 31-30 90-03-20 269-56-41 269-56-41 311.76 311.76

999
11/8/83

Oct. 27, 83

5" birch

6.79'

STA 29 = 60 d. sp. ka

6.97'

1.66'

5" maple

2" birch

429.53

6.0

12.50'

2" birch

6.0

3.62'

311.76

T59N R25W

SEC. 7 Subd. Cont. From Pg. 40

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

FS 32 175-26-13 355-25-49 175-26-09 355-25-47

BS 30 00-00-32 180-00-15 00-00-28 180-00-12

T@ 31 175-25-37⁴¹ 175-25-34 175-25-41 175-25-35

175-25-38

Dist. 31-32 90-07-13 269-52-44 269-52-46 559.40 559.40

Dist. 32-31 89-56-50 270-03-04 270-03-07 559.39 559.39

FS 33 179-28-07 359-27-46 179-28-05 359-27-45

BS 31 00-00-32 180-00-08 00-00-30 180-00-11

T@ 32 179-27-25³⁹ 179-27-38 179-27-35 179-27-34

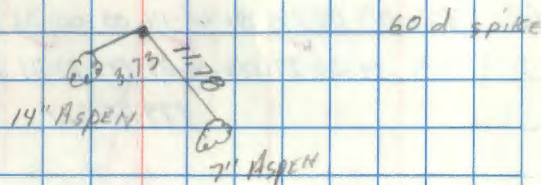
179-27-34

Dist. 32-33 90-33-30 269-26-30 269-26-30 673.86 673.83

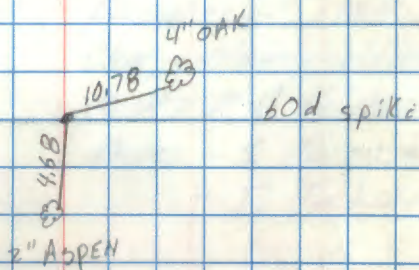
Dist. 33-32 89-30-06 270-30-10 270-30-02 673.85 673.82

H&R
11/8/83

Oct. 27, 83



559.39



673.83

T59N R25W

SEC. 7 Subd. Cont. Srom Pg. 41
STA 1st H&D 2nd H&R 3rd H&D 4th H&R

H&R

PS 34 179-20-55 359-20-35 179-20-57 359-20-33

BS 32 00-00-28 180-00-14 00-00-36 180-00-14

T@ 33 179-20-27 179-20-21 179-20-21 179-20-19

179-20-22

Dist. 33-34 89-12-22 270-47-43 270-47-41 354.45 354.42

Dist. 34-33 See BK 2, PP 12

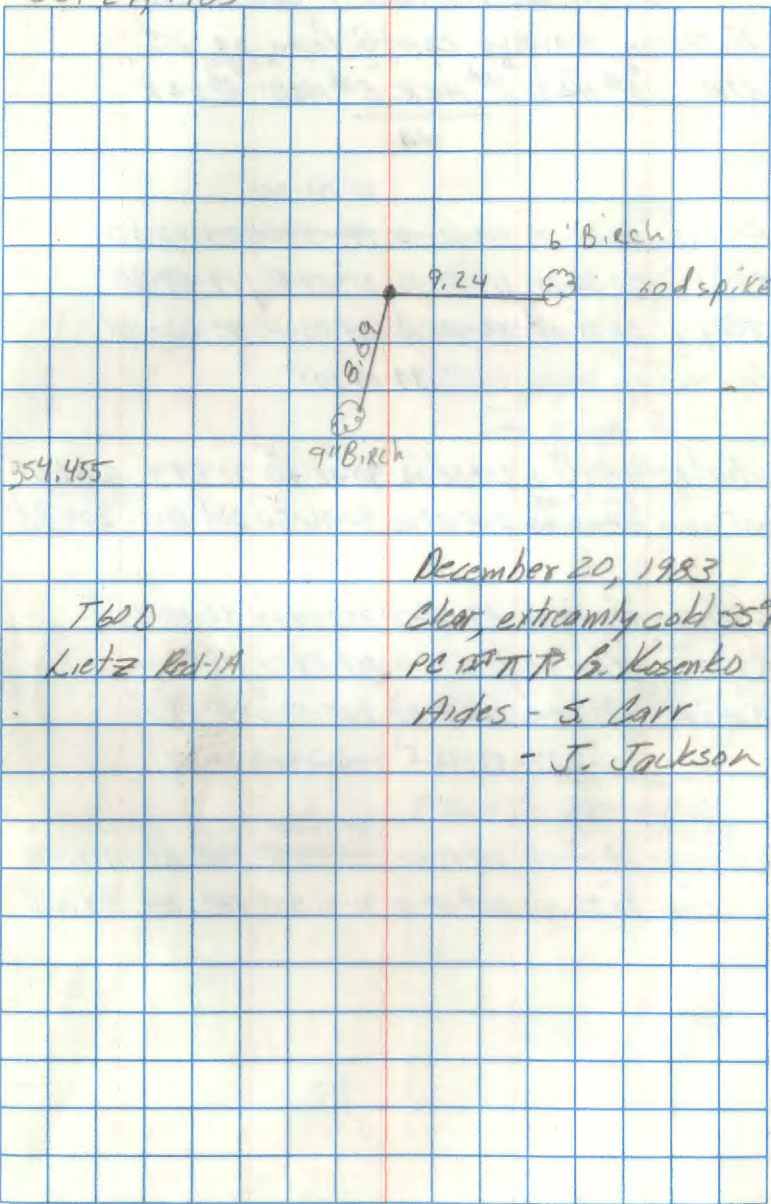
FS 35

BS 33

T@ 34

JJR
11/8/83

Oct 27, 1983



December 20, 1983

T60D

Lietz Rod-1A

Clear, extremely cold -55°F

PE PAT R G. Kosenko

Aides - S. Carr

- J. Jackson

T59N R25W Sec 7 Subdivision

Exterior traverse cont'd from pg 25

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

H4

34-03-00

FS 102 34-03-00 214-02-50 179-59-20 214-02-30

BS 1 00-00-00 179-59-40 359-59-40 179-59-20

T@101 34-03-00 ✓ 34-03-10 ✓ 34-03-20 34-03-10 ✓

34-03-10 ✓

Dist 102-102 90-03-20 269-58-00 90-02-40 ✓ 204.84 204.84 ✓

Dist 102-101 ~~89-19-00~~ 269-58-20 90-06-50 204.84 204.84 ✓

FS 103 223-59-10 43-58-50 223-59-10 43-58-40

BS 101 00-00-00 179-59-20 359-59-50 179-59-10

T@102 223-59-10 ✓ 223-59-30 ✓ 223-59-20 ✓ 223-59-30 ✓

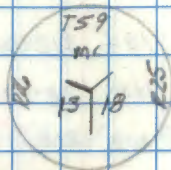
223-59-22.5 ~~229-53-23~~

? 102-103

Dist 101-102 89-19-00 270-41-00 ~~89-19-00~~ 198.61 198.596

Dist 102-101 90-52-00 269-08-30 90-51-45 198.64 198.618

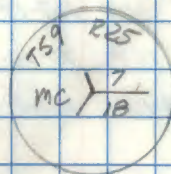
December 20, 1983



STA101 =

Iron pipe w/iron cap
See page 2
this Book

204.84 ✓



STA102 =

Itasca Co. Mon w/Al
cap

198.607

T59N R25W Sec 7 Subdivision

Exterior traverse cont'd from pg 43

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

H &

FS 104 212-36-10 32-35-40 212-36-10 32-35-50

BS 102 00-00-00 179-59-50 00-00-00 179-59-50

I @ 103 212-36-10 212-32-35-50 212-36-10 212-36-00

212-36-03

Dist 103-104 86-48-10 273-12-00 86-48-05 241.31 240.93

Dist 104-103 93-20-00 266-44-10 93-19-55 241.34 240.93

FS 105 167-19-20 347-19-00 167-19-40 347-19-10

BS 103 00-00-00 180-00-00 00-00-30 180-00-00

I @ 104 167-19-20 167-19-00 167-19-10 167-19-10

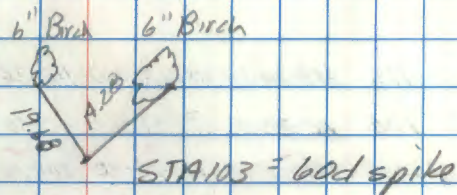
167-19-10

Dist 104-105 87-55-00 272-05-20 87-54-50 346.19 345.96

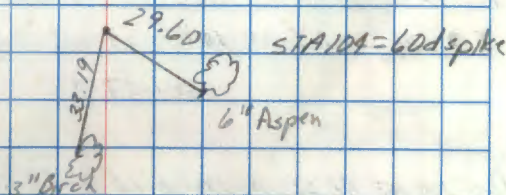
Dist 105-104 92-10-20 267-48-50 92-10-45 346.22 345.97

CK WA 12-22-85

Dec 20, 1983



240.93



345.965

TS9N R25W Sec. 7 Subdivision

Exterior traverse cont'd from pg 44

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

H x

FS 106 148-24-00 328-23-50 148-24-00 328-24-00

BS 104 00-00-00 179-59-20 00-00-00 179-59-30

PI@105 148-24-20 148-24-30 148-24-00 148-24-30

148-24-15

Dist 105-106 99-21-00 260-38-50 99-21-05 181.35 178.94

Dist 106-105 80-50-50 279-09-00 80-50-55 181.25 ~~178.94~~

FS 107 204-57-20 204-56-50 204-57-20 204-56-50

BS 105 00-00-00 179-59-20 00-00-00 179-59-20

PI@106 204-57-20 204-57-30 204-57-20 204-57-30

204-57-25

Dist 106-107 89-59-20 270-00-00 89-59-40 1783.16 1783.16

Dist 107-106 90-03-20 269-56-20 90-03-30 1783.17 1783.17

CK W/H 12-22-83

45

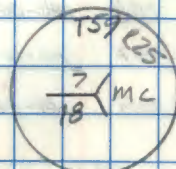
December 20, 1983

3" Birch
3.67

STA 105 = 60d spike

178.94

STA 106 =



Itasca Co. Monument w/ Al exp

1783.165

Dec 26, 1983

snowy, cold

T, P, M G. Kosenko

- S. Carr

- T. Schreiber

Oct 27 1983

7600

pedl-A

T59N R25W Sec 7 Sub

Exterior traverse cont'd from pg 45

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

H&R

FS 108 184-50-40 04-50-00 184-50-30 04-50-00

BS 106 00-00-00 179-59-20 00-00-00 179-59-20

TI @ 108 184-50-40 184-50-40 184-50-30 184-50-40

184-50-38

Dist 107-108 80-17-20 279-43-30 80-16-55 144.92 142.84

Dist 108-107 99-53-40 260-07-00 99-53-20 145.00 142.85

FS 109 180-04-10 00-03-50 180-04-10 00-03-40

BS 107 00-00-00 179-59-30 00-00-00 179-59-20

TI @ 108 180-04-10 180-04-20 180-04-10 180-04-20

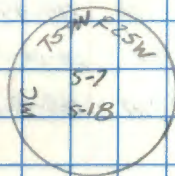
180-04-13

Dist 108-109 88-47-30 271-12-10 88-47-40 155.73 155.70

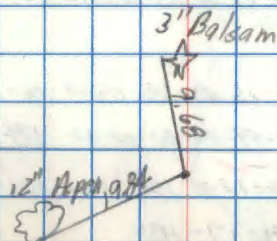
Dist 109-108 91-26-00 268-33-50 91-26-05 155.74 155.69

CK WA 12-22-83

STA 107 =



142.845



47 T59N R25W Sec 7 Sub

Exterior traverse cont'd from pg 46

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

H&S

FS 110 169-49-20 349-49-00 169-49-20 349-49-00

BS 108 00-00-00 179-59-40 00-00-00 179-59-40

IT@ 109 169-49-20 169-49-20 169-49-20 169-49-20

169-49-20

Dist 109-110 90-16-50 269-43-00 90-16-55 234.52 234.52

Dist 110-109 89-53-10 270-07-50 89-52-40 234.51 234.51

FS 111 186-17-00 06-16-00 186-17-00 06-16-00

BS 109 00-00-00 179-59-20 00-00-00 179-59-20

IT@ 110 186-17-10 186-17-20 186-17-00 186-17-20

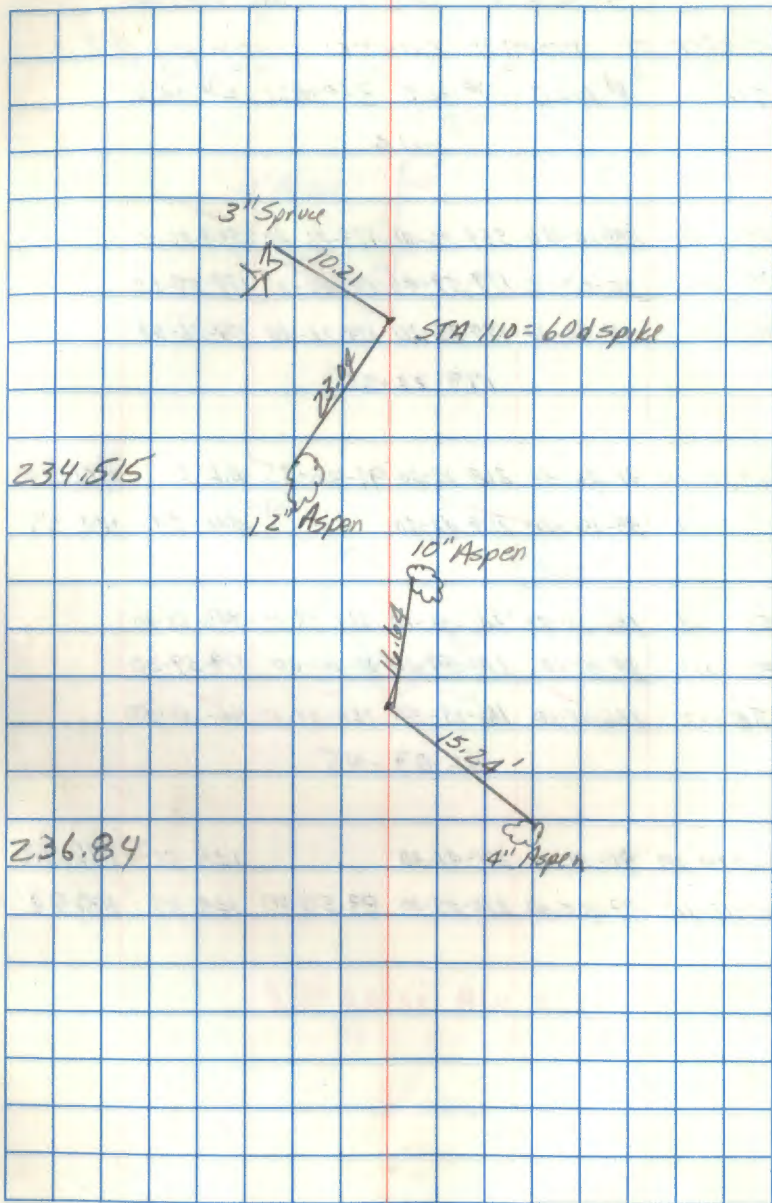
186-17-10

Dist 110-111 86-51-00 233-09-10 86-51-00 237.20 236.84

Dist 111-110 93-18-00 266-42-00 93-18-00 237.23 236.84

CK WA 2-22-83

47



T59N R26W Sec 7 Subdivision

Exterior traverse cont'd from pg 47

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

H4

FS 112 179-26-30 359-26-00 179-26-40 359-26-10

BS 110 00-00-00 179-59-40 00-00-00 179-59-20

T@ 111 179-26-30 179-26-20 179-26-40 179-26-50

179-26-35

Dist 111-112 91-46-30 268-13-20 91-46-35 406.51 406.11

Dist 112-111 ~~88-13-20~~ 269-40-40 406.29 406.09

FS 113 166-03-50 346-03-10 166-03-30 346-03-10

BS 111 00-00-00 179-59-20 00-00-00 179-59-20

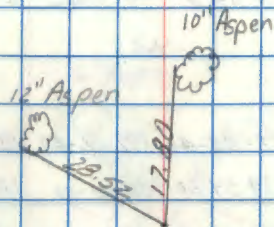
T@ 112 166-03-50 166-03-50 166-03-30 166-03-50

166-03-45

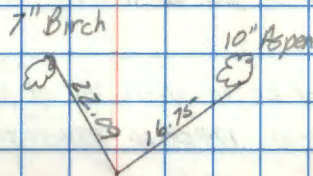
Dist 112-113 90-19-00 271-41-30 148.52 148.52

Dist 113-112 89-55-00 270-05-00 89-55-00 148.52 148.52

CK WA 12-22-83



406.10



148.52

T59N R25W Sec 7 Subdivision

Exterior traverse cont'd from pg 48

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

H&R

FS 114 192-26-10 12-25-40 192-26-40 12-26-10

BS 112 00-00-00 179-59-20 00-00-00 180-00-00

T @ 113 192-26-10 192-26-20 192-26-40 192-26-10

192-26-20

Dist 113-114 90-40-50 269-19-00 90-40-55 431.21 431.18

Dist 114-113 89-24-00 270-35-50 89-24-05 431.19 431.17

FS 115 180-02-20 00-01-50 180-02-10 00-01-50

BS 113 00-00-00 179-59-20 359-59-50 179-59-20

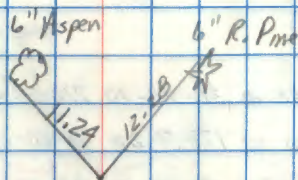
T @ 114 180-02-20 180-02-30 180-02-20 180-02-30

180-02-25

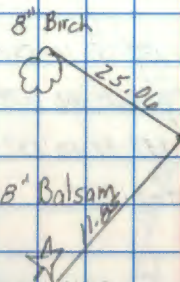
Dist 114-115 92-15-10 267-44-40 92-15-15 202.86 202.70

Dist 115-114 87-55-10 272-04-40 87-55-15 202.81 202.68

CKWA 12-22-83



431.18



202.69

T59N R25W Sec 7 Subdivision

Exterior traverse cont'd from pg 49

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

H&R

FS 116 210-55-40 30-55-10 210-55-40 30-55-00

BS 116 00-00-00 179-59-20 00-00-00 179-59-10

IT@ 115 210-55-40 20-55-50 210-55-40 210-55-50

210-55-45

Dist 115-116 95-20-00 264-3930 95-20-15 172.40 171.65

Dist 116-115 84-57-45⁵⁶ 275-03-00 84-56-52 172.30 171.63

FS 117 137-39-15 317-38-50 137-39-10 317-38-55

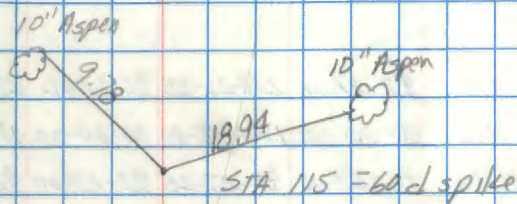
BS 115 00-00-00 179-59-05 00-00-00 179-59-00

IT@ 116 137-39-15 137-39-45 137-39-10 137-39-55

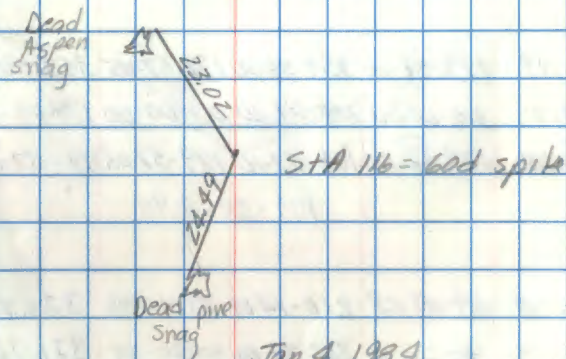
137-39-31.25

Dist 116-117 90-09-00 269-50-40 90-09-10 232.53 232.529

Dist 117-116 89-59-55 269-59-58 90-00-00 232.53 232.53



171.64



232,530

Jan 4, 1984

BPR = 29.5

Temp = 20°F

ECF = 1 @ 10:00 AM

T600 S/N 158830

Red 1A S/N 4863

Pthly Cdy, mild, windy

PC III B. Kosanko

ITT B. Robertson

Aide - S. Carr

T. Scriber

T59N R25W Sec 7 Subdivision

Exterior traverse cont'd from pg 50

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

H&D

FS 118 92-27-00 272-26-35 92-27-00 272-26-40

BS 116 00-00-00 179-59-10 00-00-00 179-59-~~25~~²⁵

PI@117 92-27-00 92-27-25 92-27-00 92-27-25

92-27-12.5

Dist 117-118 89-57-40 270-~~27-30~~⁰²⁻⁰⁰ 89-57-50 917.85 917.850

Dist 118-117 90-04-00 269-56-50 90-03-35 917.85 917.850

FS 119 179-56-00 359-56-30 179-57-05 359-56-30

BS 117 00-00-00 179-59-20 00-00-00 179-59-10

PI@118 179-~~56~~⁵⁷-00 179-57-10 179-57-05 179-57-20

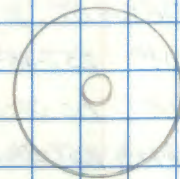
179-57-8.75

Dist 118-119 89-45-25 270-14-00 89-45-43 321.76 321.757

Dist 119-118 90-20-50 269-39-10 90-20-55 321.76 321.754

Jan 4, 1984

STA 117 =

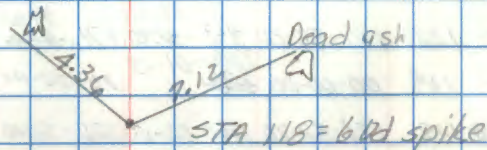


Itasca Co man w/ no stamping

SE SECTOR sec 7

could not read cap

917.85



321.756

T59N R25W Sec 7 Sub

Exterior trav cont'd from pg 51

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

H&R

SIDESHOT TO S 1/16 7/8 FROM TRAVERSE

FS 1199 257-48-10 77-47-10 257-48-10 77-48-10

BS 118 00-00-00 179-59-10 00-00-00 179-59-10

T@119 257-48-10 257-48-00 257-48-10 257-48-10

257-48-09.5

Dist 119-119 88-36-00 271-23-30 88-36-15 228.78 228.712

Dist 119-119

FS 120 176-52-20 356-52-10 176-52-20 356-53-40

BS 118 00-00-00 180-01-15 20-02-00 180-01-20

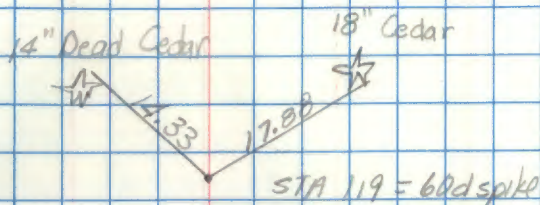
T@119 176-52-20 176-52-15 176-52-20 176-52-20

176-52-13.95

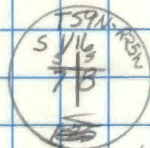
Dist 119-120 90-01-00 269-59-00 90-01-00 590.02 590.070

Dist 120-119 90-02-20 270-02-40 90-02-40 590.00 590.000

TRAVERSE CONT'D FROM IN



STA 1199 =



Itasca County monument

590.010

BK 2, PG 10

• 14MC
• 15MC

T59N P25W sec 6 sub

Traverse around sec 6

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

H4

FS 2701 55-51-35 235-51-18 55-51-33 235-51-20

BS 26 00-00-24 180-00-08 00-00-24 180-00-06

T@ 27 55-51-11 55-51-10 55-51-09 55-51-14

55-51-11

Dist 27-2701 270-00-43 89-59-02 89-59-10 1666.28 1666.28

Dist 2701-27 90-02-27 269-57-32 90-02-27 1666.28 1666.28

FS 2702 179-30-14 359-29-45 179-30-07 359-29-45

BS 27 00-00-23 179-59-58 00-00-14 179-59-48

T@ 2701 179-29-51 179-29-47 179-29-43 179-29-42

179-29-48

Dist 2701-2702 78-18-50 281-41-02 281-41-02 351.08 343.80

Dist 2702-2701 101-47-22 258-12-27 258-12-33 351.17 343.76

JPR
11/8/83

Oct 31, 1983

G. Kosenko P.C. T T

Temp = 40°F

B. Ausk Aid

BPR =

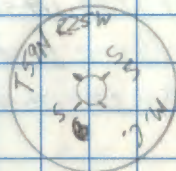
G. Robertson Aid

Same instruments

Pg 38 + his Book

1666.28

STA 2701 =



MC North Shore E. Lake

Pg 8

348.78

T59N R25W Sec. 6 Sub.

Traverse around Sec. 6 cont'd from pg 54

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

FS 2703 180-36-49 00-36-36 180-36-48 180-00-12

BS 2701 00-00-29 180-00-13 00-00-22 00-36-30

T@ 2702 180-36-26 180-36-23 180-36-26 180-36-18

180-36-22

Dist 2702-2703 90-18-13 269-41-44 269-41-46 697.98 697.97

Dist 2703-2702 89-45-09 270-14-41 270-14-49 697.96 697.95

FS 2704 179-56-27 359-56-08 179-56-25 359-56-07

BS 2702 00-00-26 180-00-08 00-00-25 180-00-10

T@ 2703 179-56-01 179-56-00 179-56-02 179-55-57

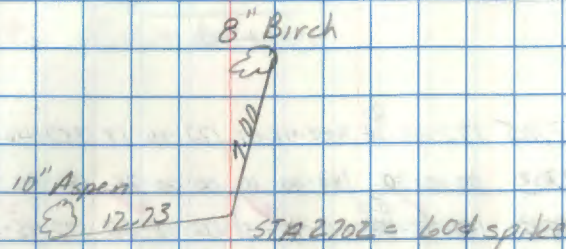
179-56-00

Dist 2703-2704 90-08-55 269-50-56 269-51-01 592.05 592.05

Dist 2704-2703 89-54-45 270-05-12 270-05-14 592.02 592.02

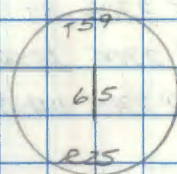
JJR
11/21/83

Oct 31, 1983



697.96

STA 2703 =



East 1/4 Sec 6

592.035

T59N R25W Sec 6 Sub

Exterior traverse cont'd from pg 55

STA 1st HAD 2nd HAD 3rd HAD 4th HAD

HA

FS 2705 172-46-²⁰18 352-46-01 172-46-18 352-46-02

BS 2703 00-00-30 180-00-10 00-00-26 180-00-10

TP@ 2704 172-45-⁵⁰44 172-45-51 172-45-52 172-45-52

172-45-51

Dist 2704-2705 88-48-55 271-10-56 271-11-01 544.68 544.56

Dist 2705-2704 91-15-07 268-44-49 268-44-51 544.66 544.53

FS 2706 184-12-46 04-12-30 184-12-47 04-12-26

BS 2704 00-00-36 180-00-14 00-00-33 180-00-14

TP@ 2705 184-12-10 184-12-16 184-12-14 184-12-12

184-12-¹³15

Dist 2705-2706 89-25-57 270-34-00 270-34-02 103.14 103.14

Dist 2706-2705 90-55-59 269-03-57 269-03-59 103.11 103.10

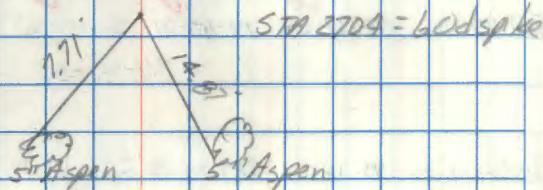
JBR
11/8/83

November 1, 1983

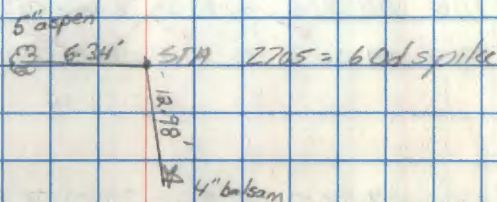
Overcast, drizzle, calm

BPP = 0, Temp = 42°F same crew as previous

ELF = 29.1 @ 10:20 AM day



544.55



103.12

T59N R.25W Sec 6 Sub

External traverse cont'd from pg 56

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

H&D

FS 2707 74-40-37 254-40-17 74-40-37 254-40-10

BS 2705 00-00-39 180-00-16 00-00-34 180-00-11

TP 2706 74-39-58 74-40-01 74-40-03 74-39-57

74-40-00

Dist 2706-2707 90-25-41 269-34-18 269-34-19 318.26 318.25

Dist 2707-2706 89-41-26 270-18-27 270-18-31 318.28 318.26

FS 2708 297-33-02 117-32-45 297-32-59 117-32-88

BS 2706 00-00-25 180-00-08 00-00-25 180-00-11

TP 2707 297-32-37 297-32-37 297-32-34 297-32-27

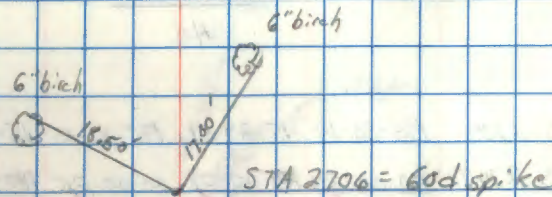
297-32-34

Dist 2707-2708 89-59-10 270-00-55 270-00-53 229.86 229.86

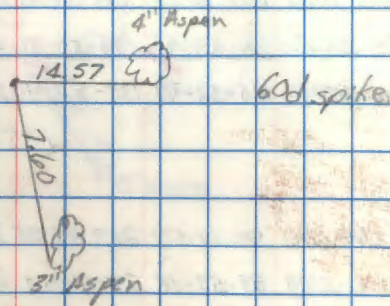
Dist 2708-2707 90-10-27 269-49-20 269-49-27 229.85 229.85

JBR
11/8/93

Nov 1, 1983



318.26



229.86

T59N R25W Sec 6 Sub.

Traverse Cont'd from pg 54 57

STA 1stH&D 2ndH&R 3rdH&D 4thH&R

HA

FS 2709 195-30-14 15-29-51 195-30-10 15-29-52

BS 2707 00-00-29 180-00-09 00-00-25 180-00-03

T@2708 195-29-45 195-29-43 195-29-45 195-29-47

195-29-46

Dist 2708-2709 91-47-03 268-12-48 268-12-53 280.95 280.81

Dist 2709-2708 88-20-38 271-39-21 271-39-22 280.92 280.80

FS 2710 135-52-58 315-52-40 135-52-59 315-52-33

BS 2708 00-00-19 179-59-56 00-00-18 179-59-58

T@2709 135-52-39 135-52-44 135-52-41 135-52-35

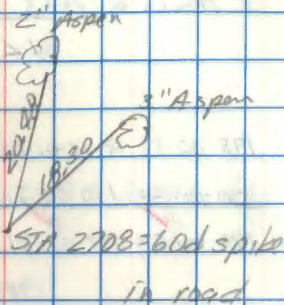
135-52-40

Dist 2709-2710 90-14-57 269-45-05 269-45-04 183.86 183.86

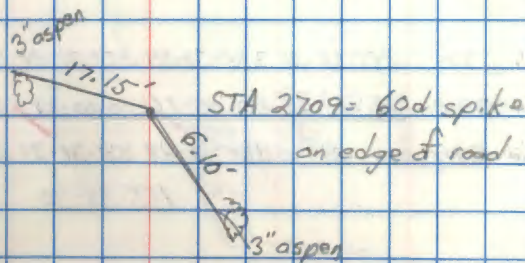
Dist 2710-2709 89-57-18 270-02-47 270-02-45 183.84 183.84

JHR
11/8/83

Nov. 1, 1983



280.81



183.85

T59N R25W Sec 6 Sub.

Traverse Cont'd from pg 58

STA 1stH&D 2ndH&R 3rdH&D 4thH&R

H4

BS 2709 198-02-13 9 18-01-58 198-02-17 18-01-52

FS 2711 00-00-44 180-00-27 00-00-42 180-00-25

T@ 2710 198-01-29 198-01-31 198-01-35 198-01-27

198-01-31

0^{ist} 2710-2711 90-06-22 269-53-24 269-53-26 186.87 186.870^{ist} 2711-2710 90-05-27 269-54-17 269-54-25 186.88 186.88

BS 2710 155-38-56 335-38-39 155-38-55 335-38-38

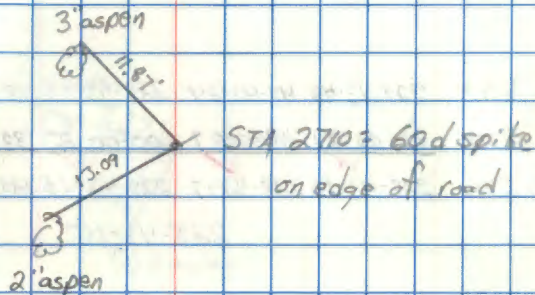
FS 2712 00-00-26 180-00-16 00-00-22 180-00-11

T@ 2711 155-38-30 155-38-28 155-38-33 155-38-27

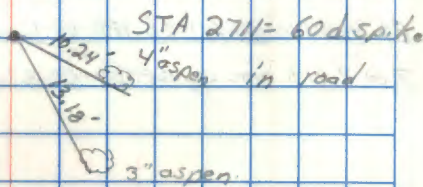
155-38-30

0^{ist} 2711-2712 89-28-48 270-31-04 270-31-08 176.84 176.830^{ist} 2712-2711 90-43-49 269-16-09 269-16-10 176.84 176.83DJP
11/8/83

Nov 1, 1983



186.88



176.83

T59 N R25 W Sec 6 Sub.

Cont'd from pg 59

STA 1st HAR 2nd HAR 3rd HAR 4th HAR

FS 2713 228-43-42 48-43-24 228-43-43 48-43-20

BS 2711 00-00-27 180-00-07 00-00-27 180-00-08

TI@ 2712 228-43-15 228-43-17 228-43-16 228-43-12

228-43-15

Dist 2712-2713 96-15-27 263-44-26 263-44-30 361.75 359.59

Dist 2713-2712 83-50-31 276-09-23 276-09-26 361.68 359.59

~~FS 2714 200-51-20 20-51-00 200-51-30 20-51-07~~~~BS 2712 00-00-25 180-00-03 00-00-17 180-00-03~~~~TI@ 2713 200-50-55 200-50-57 200-51-13 200-51-04~~

Dist 2713-2714 89-55-10 270-04-41 270-04-46 261.28 261.28

Dist 2714-2713 90-13-23 269-46-35 269-46-36 261.27 261.27

FS 2714 200-51-34 20-51-08 200-51-30 20-51-07

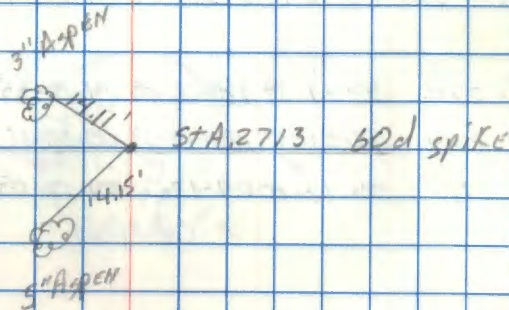
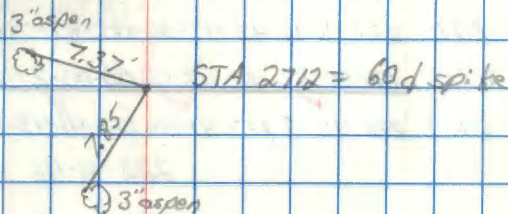
BS 2712 00-00-27 180-00-01 00-00-20 180-00-03

TI@ 2713 200-51-12 200-51-07 200-51-10 200-51-04

200-51-08

HAR
11/18/83

Nov. 1, 1983



261.27

T59N R25W Sec. 6 Subd.

Cont. from Pg. 60

S+A 1st H&D, 2nd H&R 3rd H&D 4th H&R

H&

FS 2715 222-41-⁶30 42-41-50 222-42-09 42-41-53

BS 2713 00-00-22 180-00-06 00-00-21 180-00-08

X@ 2714 222-41-48 222-41-44 222-41-48 222-41-45

222-41-46

Dist. 2714-2715 97-32-23 262-27-29 262-27-33 77.86 77.19

Dist. 2715-2714 82-56-34 277-03-22 277-03-24 77.80 77.21

FS 2716 04-17-39 184-17-19 04-17-35 184-17-19

BS 2714 00-00-29 180-00-08 00-00-26 180-00-19

X@ 2715 04-17-10 04-17-11 04-17-09 04-17-09

04-17-10

Dist. 2715-2716 84-29-12 275-30-50 275-30-49 420.92 418.97

Dist. 2716-2715 95-32-21 264-27-42 264-27-41 420.94 418.97

H&R
11/18/83

Nov 1, 1983

3" ASPEN

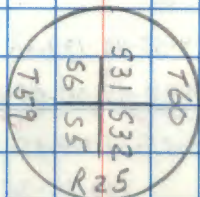
33.00'

60d spike

120.12

11" Birch

77.20



418.97

T59N R25W S.6 Subd.

Cont. from Pg 61

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

H&R

FS 2717 180-40-00 00-39-45 180-40-01 00-39-42

BS 2715 00-00-34 180-00-13 00-00-29 180-00-15

T@ 2716 180-39-26 180-39-32 180-39-32 180-39-27

180-39-29

Dist. 2716-2717 95-39-34 264-20-24 264-20-25 430.15 428.05

Dist. 2717-2716 84-25-23 275-34-24 275-34-31 430.10 428.07

FS 2718 179-35-59 359-35-43 179-36-03 359-35-39

BS 2716 00-00-28 180-00-07 00-00-22 180-00-05

T@ 2717 179-35-31 179-35-26 179-35-41 179-35-34

179-35-36

Dist. 2717-2718 89-28-39 270-31-10 270-31-16 295.06 295.05

Dist. 2718-2717 90-38-39 269-21-15 269-21-18 295.09 295.07

H&R
11/1/83

Nov 2, 1983

Same weather

Same crew

as previous day

4" ASPEN

8.62

60d spike

6" OAK

428.06

3" SPRUCE

24.15

20.51

60d spike

T.R. PINE

295.06

T59N R25W Sec. 6 Subd.

Cont. from Pg. 62

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

H&R

FS 2719 180-18-02 08-17-45 180-18-07 00-17-46

BS 2717 00-00-28 180-00-08 00-00-25 180-00-11

T@ 2718 180-17-34 180-17-37 180-17-42 180-17-35

180-17-37

Dist. 2718-2719 96-12-15 263-47-43 263-47-44 206.00 204.79

Dist. 2719-2718 83-58-23 276-01-33 276-01-35 205.93 204.79

FS 2720 179-49-01 359-48-42 179-49-02 359-48-43

BS 2718 00-00-24 180-00-05 00-00-25 180-00-07

T@ 2719 179-48-37 179-48-37 179-48-37 179-48-36

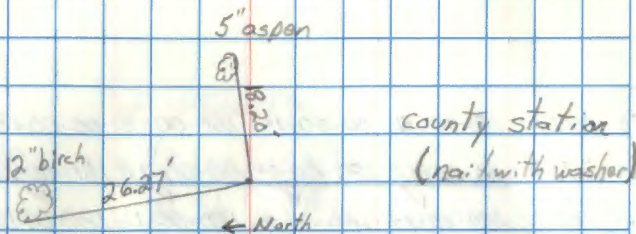
179-48-37

Dist. 89-48-40 270-11-18 270-11-19 1179.49 1179.48

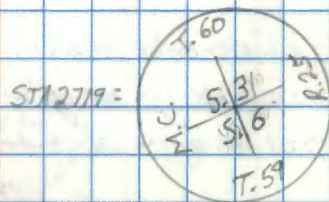
Dist. 90-13-21 269-46-38 269-46-39 1179.47 1179.46

H&R
11/8/83

Nov. 2, 1983



204.79



← North

1179.47

M.C. East shore
of Starvon Lake
Pg. 5

T59N R25W Sec. 6 Subd.

CONT. From Pg. 63

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

FS 2721 180-00-36 00-00-12 180-00-34 00-00-13

BS 2719 00-00-23 180-00-04 00-00-18 180-00-22

T@ 2720 180-10-13 180-00-02 180-00-16 180-00-08

180-00-11

Dist 2720-2721 82-37-54 277-21-55 277-21-56 66.74 66.19

Dist 2721-2720 97-55-20 262-04-32 262-04-36 66.82 66.18

FS 2722 180-26-50 00-25-41 180-26-55 00-25-43

BS 2720 00-00-26 180-00-29 00-00-26 180-00-08

T@ 2721 180-25-34 180-25-33 180-25-39 180-25-35

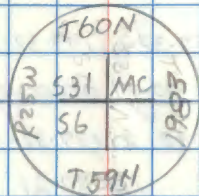
180-25-35

Dist. 2721-2722 80-41-58 279-17-52 279-17-57 271.83 268.26

Dist. 2722-2721 99-21-02 260-33-48 260-33-53 271.91 268.23

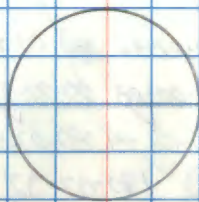
JHR
11/8/83

Nov. 2, 1983



ML on
west shore
Slanson Lake
pg 6

66.19



N 1/4 Sec. 6
CAP broke off
pg 3

268.25

T59N R25W Sec. 6 Subd.

Cont. from Pg. 64

S.T.A. 1st H&D 2nd H&D 3rd H&D 4th H&R

FS 2723 179-32-43 359-32-25 179-32-39 359-32-27

BS 2721 00-00-23 180-00-04 00-00-20 180-00-04

T@ 2722 179-32-20 179-32-21 179-32-19 179-32-23

179-32-21

Dist. 2722-2723 90-18-36 269-41-48 269-41-36 913.60 913.59

Dist. 2723-2722 89-44-31 270-15-40 270-15-35 913.59 913.58

FS 2724 180-07-57 00-07-42 180-07-56 00-07-38

BS 2722 00-00-26 180-00-08 00-00-24 180-00-08

T@ 2723 180-07-31 180-07-34 180-07-32 180-07-30

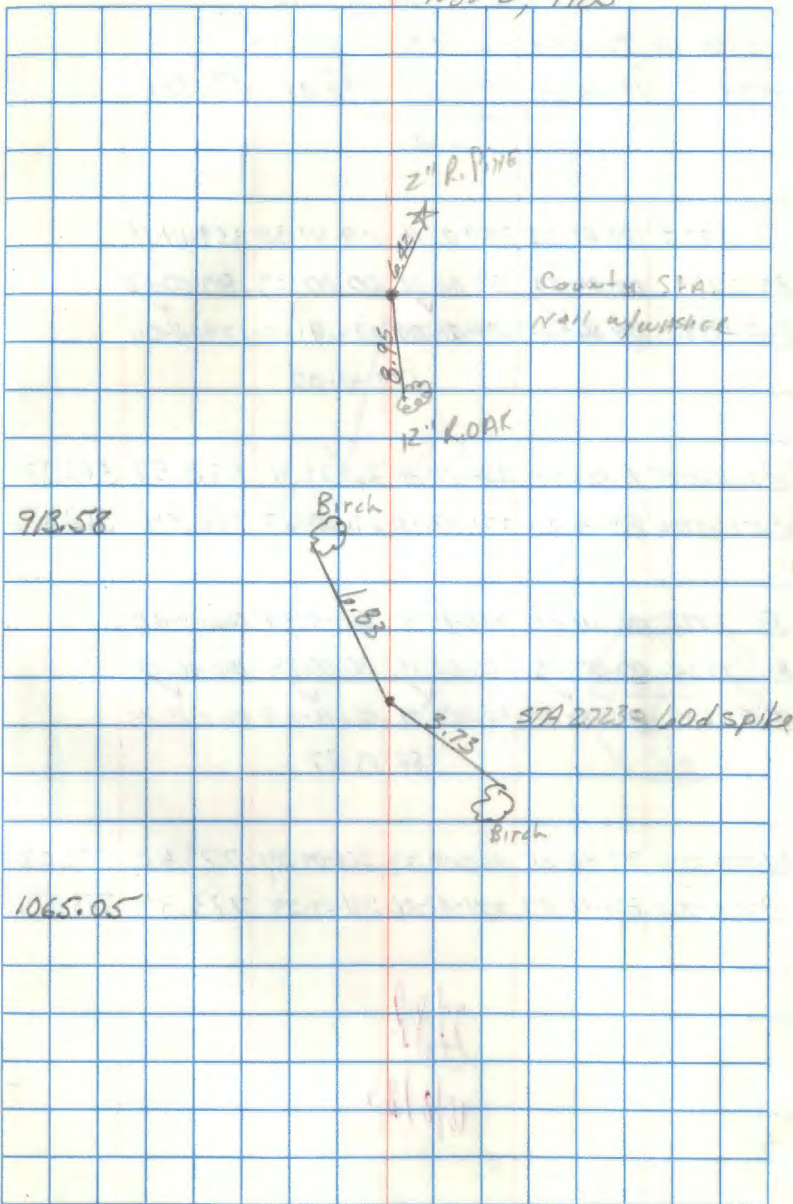
180-07-32

Dist. 2723-2724 89-34-01 270-25-50 270-25-55 1065.07 1065.04

Dist. 2724-2723 90-28-08 269-31-48 269-31-50 1065.10 1065.06

YJR
11/8/83

Nov 2, 1983



T59N R25W Sec 16 Sub

Exterior traverse cont'd from pg 65

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

H &

FS 2725 179-41-34 359-41-16 179-41-30 359-41-16

BS 2723 00-00-34 180-00-13 00-00-29 180-00-17

I @ 2724 179-41-00 179-41-04 179-41-01 179-41-04

179-41-02

Dist 2724-2725 91-32-29 268-27-30 268-27-31 562.57 562.37

Dist 2725-2724 88-30-24 271-29-18 271-29-27 562.54 562.35

FS 2726 86-13-01 266-13-40 86-13-57 266-13-40

BS 2724 00-00-33 180-00-16 00-00-28 180-00-15

I @ 2725 86-13-28 86-13-24 86-13-29 86-13-25

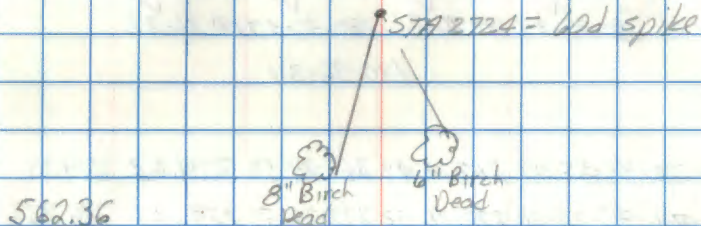
86-13-27

Dist 2725-2726 91-50-25 268-09-33 268-09-34 773.42 773.02

Dist 2726-2725 88-12-29 271-47-26 271-47-29 773.39 773.01

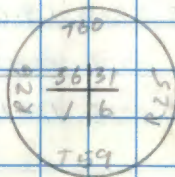
JR
11/8/83

Nov 2, 1983



562.36

STA 2725 =



773.02

T59N R25W Sec. 6 Subd.

Cont. from Pg. 66

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

H&R

FS 2727 180-37-13 00-36-57 180-37-13 00-36-54

BS 2725 00-00-38 180-00-24 00-00-36 180-00-22

T@ 2726 180-36-35 180-36-31 180-36-37 180-36-32

180-36-34

Dist. 2726-2727 92.35-09 267.24-49 267.24-50 274.62 274.34

Dist. 2727-2726 87.33-06 272.26-52 272.26-53 274.61 274.36

FS 2728 179-18-26 359-18-08 179-18-22 359-18-03

BS 2726 00-00-30 180-00-05 00-00-29 180-00-06

T@ 2727 179-17-56 179-18-03 179-17-53 179-17-57

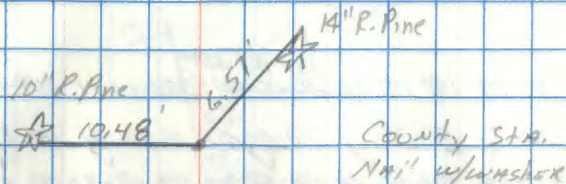
179-17-57

Dist. 2727-2728 88-42-42 271-17-17 271-17-18 257.49 257.42

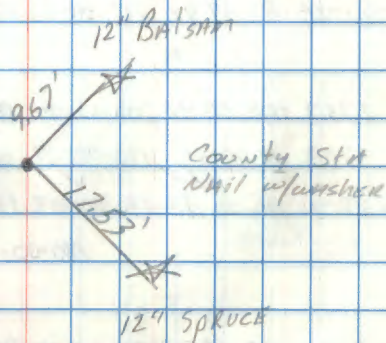
Dist. 2728-2727 91-28-41 268-31-14 268-31-12 257.49 257.40

H&R
11/8/83

Nov. 2, 1983



274.35



257.41

T59N R25W Sec. 6. Subd.

Cont. from Pg. 67

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

H4

FS 2729 180-00-12 ³⁵⁹⁻⁵⁹⁻⁵⁵~~00-00-01~~ 180-00-11 359-59-51BS 2727 00-00-44 ⁻²⁰~~180-00-07~~ 00-00-41 180-00-20T@2728 179-59-28 ⁻³⁵~~179-59-39~~ 179-59-30 179-59-34

179-59-32

Dist 2728-2729 92-17-10 267-42-40 267-48-45 319.10 318.95

Dist 2729-2728 87-49-42 272-09-03 272-09-41 319.09 318.86

00-00-18

FS 2730 180-00-42 00-00-14 180-00-36 ¹⁰~~180-00-07~~BS 2728 00-00-29 ¹⁸⁰⁻⁰⁰⁻¹⁰~~180-00-07~~ 00-00-22 ~~00-00-19~~T@2729 180-00-13 180-00-07 180-00-14 ¹⁸⁰⁻⁰⁰⁻⁰⁸~~179-59-50~~

180-00-11

Dist 2729-2730 90-10-37 269-49-06 269-49-15 780.98 780.98

Dist 2730-2729 89-52-17 270-07-53 270-07-48 780.94 780.94

H&R
11/18/83

November 3, 1983 68

Same crew as previous

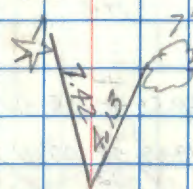
day

BPE=30.2 ELF=

Temp=35°F @ 9:15 AM

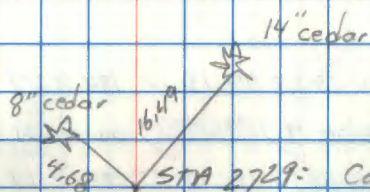
5" Balsam

7" Aspen



STA 2728 = 6od spike

318.85

STA 2729: County Sta.
Nail w/putty stick

780.96

T59N R25W Sec 6 Sub

Exterior traverse cont'd from pg. 68

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

H&R

	56-08	27	56	41
FS 2731	178-55-48	358-55-27	178-56-03	358-55-41
BS 2729	00-00-22	55-09	00-00-28	180-00-10
TO 2730	178-55-48	178-55-32	178-55-51	178-55-45
	-46	-32	-35	31
		178-55-36		

Dist 2730-2731 90-07-59 269-51-56 269-51-59 222.12 222.12

Dist 2731-2730 90-01-57 269-51-03 269-58-03 222.14 222.14

FS 2732 184-13-28 04-13-14 184-13-22 04-13-13

BS 2730 00-00-38 180-00-17 00-00-21 180-00-17

TO 2731 184-12-50 184-12-57 184-13-01 184-13-01

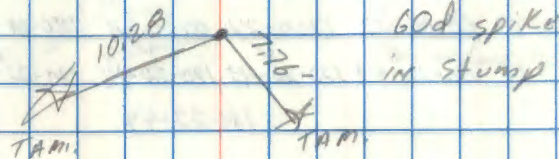
184-12-57

Dist 2731-2732 89-28-39 270-31-17 270-31-19 652.76 652.73

Dist 2732-2731 90-34-42 269-25-08 269-25-13 652.75 652.72

H&R
11/8/83

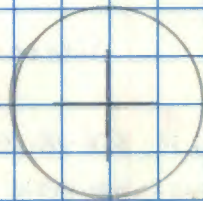
Nov 3, 1983



222.13

West 1/4
Sec. 6

STA 2731 =



cap is hard to read

69

652.73

T57N R25W Sec. 6 Sub

Cont'd from Pg 69

STA 1st H&O 2nd HAR 3rd H&O 4th HAR
H&O

FS 2733 180-23-30 00-23-13 180-23-28 00-23-12

BS 2731 00-00-47 180-00-24 00-00-39 180-00-22

X@ 2732 180-22-49 180-22-49 180-22-49 180-22-50
180-22-49

Dist 2732-2733 87-19-43 272-39-54 272-40-06 359.27 358.88

Dist 2733-2732 92-46-14 267-13-38 267-13-42 359.29 358.87

Sideshot to iron pipe on edge of swamp

2732A

FS I.P. 356-18-50 176-18-35 356-18-49 176-18-32

BS 2731 00-00-42 180-00-24 00-00-39 180-00-22

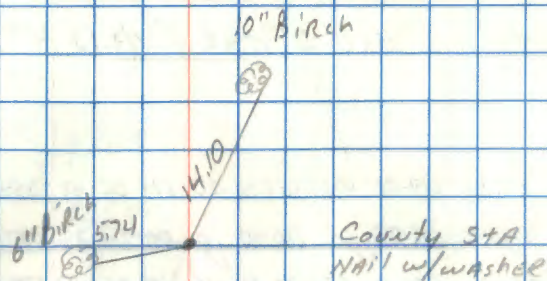
X@ 2732 356-18-08 356-18-11 356-18-10 356-18-10

356-18-10

Dist 2732-2732A = chained = 61.00'

JAR
11/8/83

Nov. 3, 1983



358.88

1 3/4" IP Approx 18" Above ground

T59N R25W Sec. 6 Subd.

Cont. from Pg. 70

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

FS 2734 179-06-44 359-06-26 179-06-43 359-06-23

BS 2732 00-00-27 180-00-19 00-00-24 180-00-11

T@ 2733 179-06-17 179-06-16 179-06-19 179-06-12

179-06-16

Dist. 93-49-25 266-16-26 266-10-31 311.51 310.82

Dist. 86-17-39 273-42-12 273-42-17 311.50 310.85

FS 2735 184-05-07 04-04-48 184-05-01 04-04-51

BS 2733 00-00-26 180-00-02 00-00-23 180-00-03

T@ 2734 184-04-41 184-04-46 184-04-38 184-04-48

184-04-43

Dist. 92-28-04 267-31-57 267-31-57 134.46 134.34

Dist. 87-48-32 272-11-24 272-11-26 134.43 134.33

JPR
11/8/83

Nov. 3, 1983

3rd R. PINE

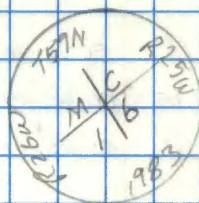
* 5.81

H. 5.5

6th R. PINE

60 d SPIKE

310.83

MC North shore of
Copenhagen Lake
Pg 24

134.33

T59N R25W Sec. 6 Sub

Cont'd from Pg 71

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

FS 14 176-02-21 356-02-00 176-02-16 356-01-58

BS 2734 00-00-29 180-00-11 00-00-27 180-00-10

⌈@2735 176-01-52 176-01-49 176-01-49 176-01-48

176-01-50

0st 2735-14 90-02-55 269-57-04 269-57-05 1266.43 1266.430st 14-2735 89-59-55 270-00-52 270-00-59 1266.43 1266.43

FS 15 50-26-10 230-25-52 50-26-07 230-25-48

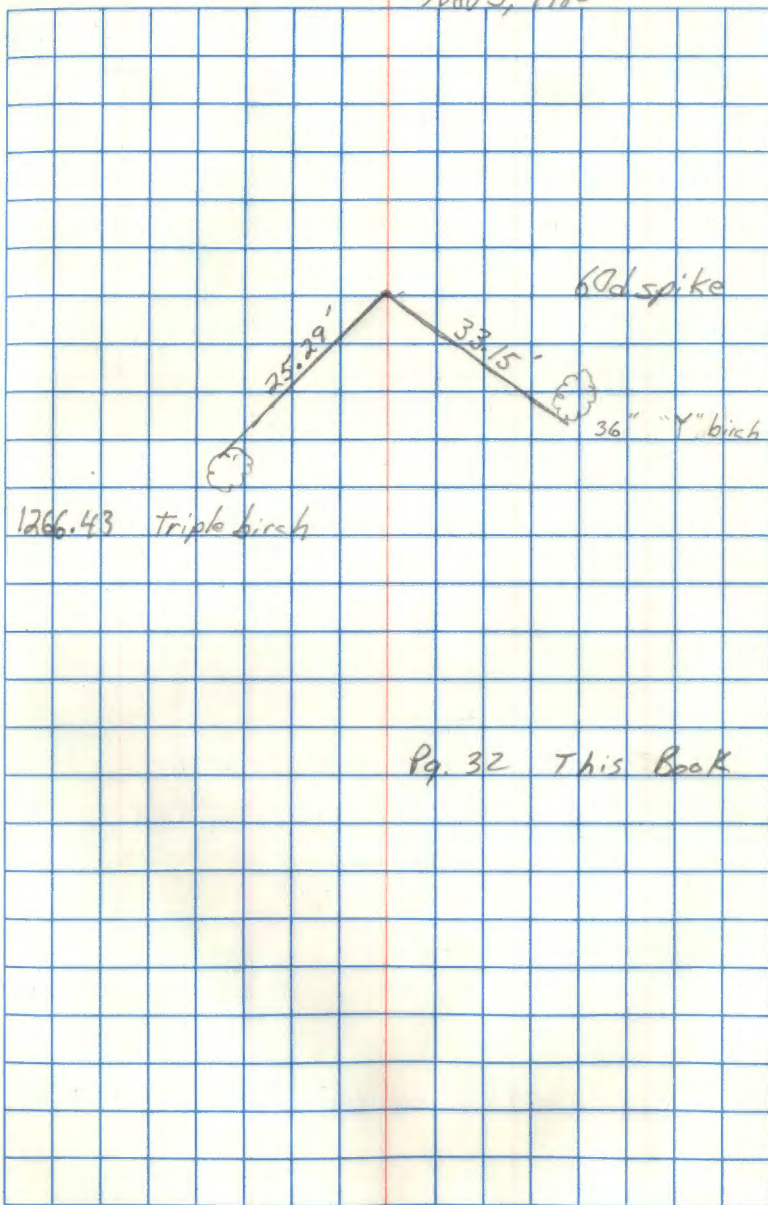
BS 2735 00-00-29 180-00-09 00-00-24 180-00-07

⌈@ 14 50-25-41 50-25-43 50-25-43 50-25-41

50-25-42

DDR
11/8/83

Nov 3, 1983

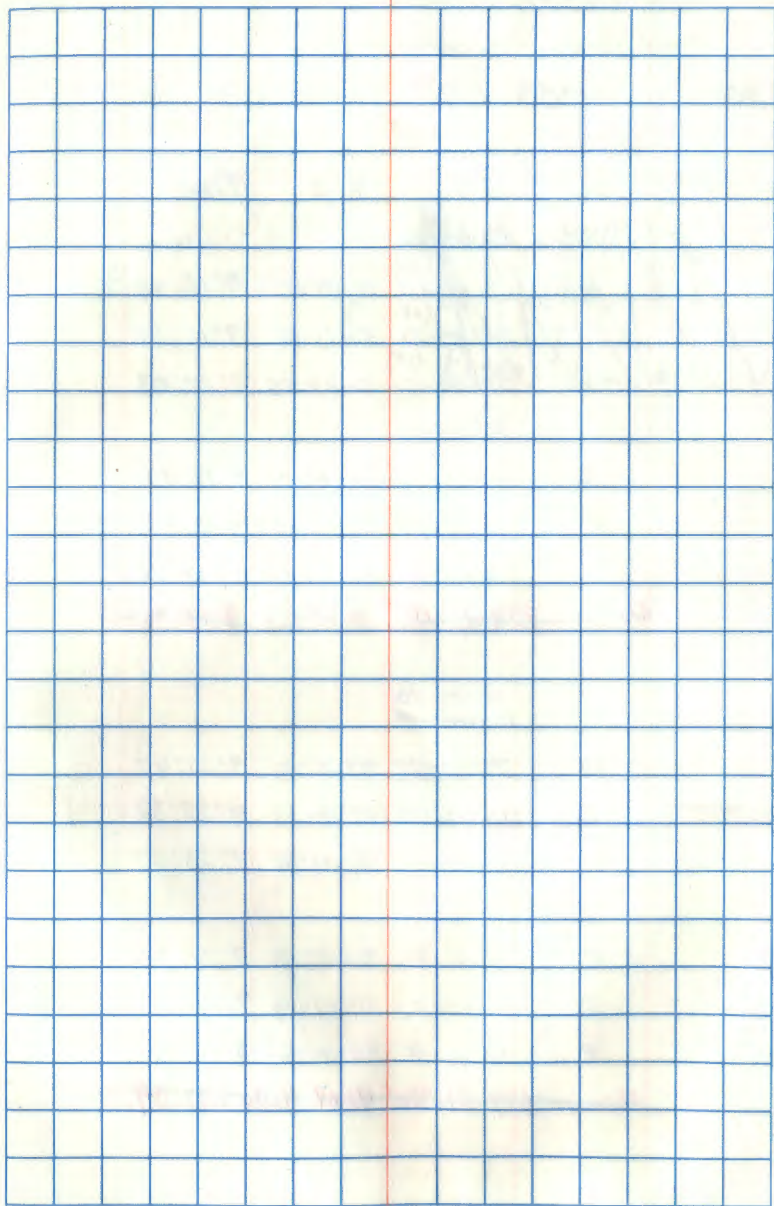
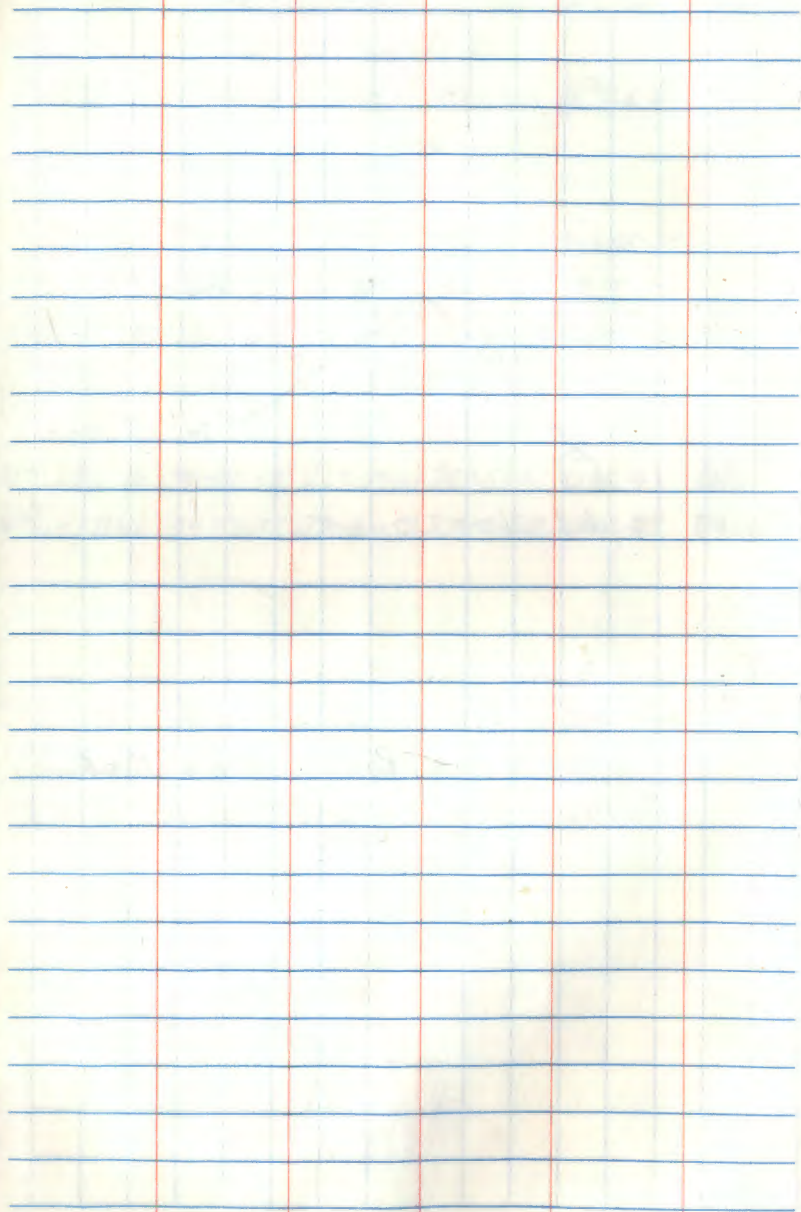


60d spike

36" "Y" birch

1266.43 triple birch

Pg. 32 This Book



T59N P25W

Solar Observation

TO 1 BS 101 FS -0-

SET #	Post	H 4	Z 4	EST Time
1		00-00-15		
	D	297-48-25 ⁽¹⁰⁾	50-19-59	9:15:42
297 52 19	D	297-59-23 ⁽⁰¹⁾	50-13-38	9:16:26
	D	298-08-54 ⁽³⁹⁾	50-07-56	9:17:03
		180-00-09		
	R	118-26-22	310-02-05	9:18:13
297 35 18	R	118-36-42	310-07-57	9:18:53
	R	118-43-17	310-11-50	9:19:19
		Mean 297-16-59.5	50-03-18	9:17:30.5
2		00-00-10		
		180-00-09		
	D	299-20-59	49-26-01	9:21:47
299-34-17.1	D	299-32-39	49-19-33	9:22:32
	D	299-49-51	49-09-46	9:23:39
		180-00-02		
	R	120-01-20	310-56-30	9:24:24
	R	120-09-53	311-01-20	9:24:58
	R	120-16-15	311-04-53	9:25:22
		Mean 299-51-43.5	49-08-46.2	9:23:31.5

April 24, 1984

Time 15 1 second
slow

TT ~~1~~ G. Robertson
 TT ~~2~~ B. Aust
 TT ~~3~~ G. Kozicki

Temp: 60°F
 Barom: 29.25 inHg

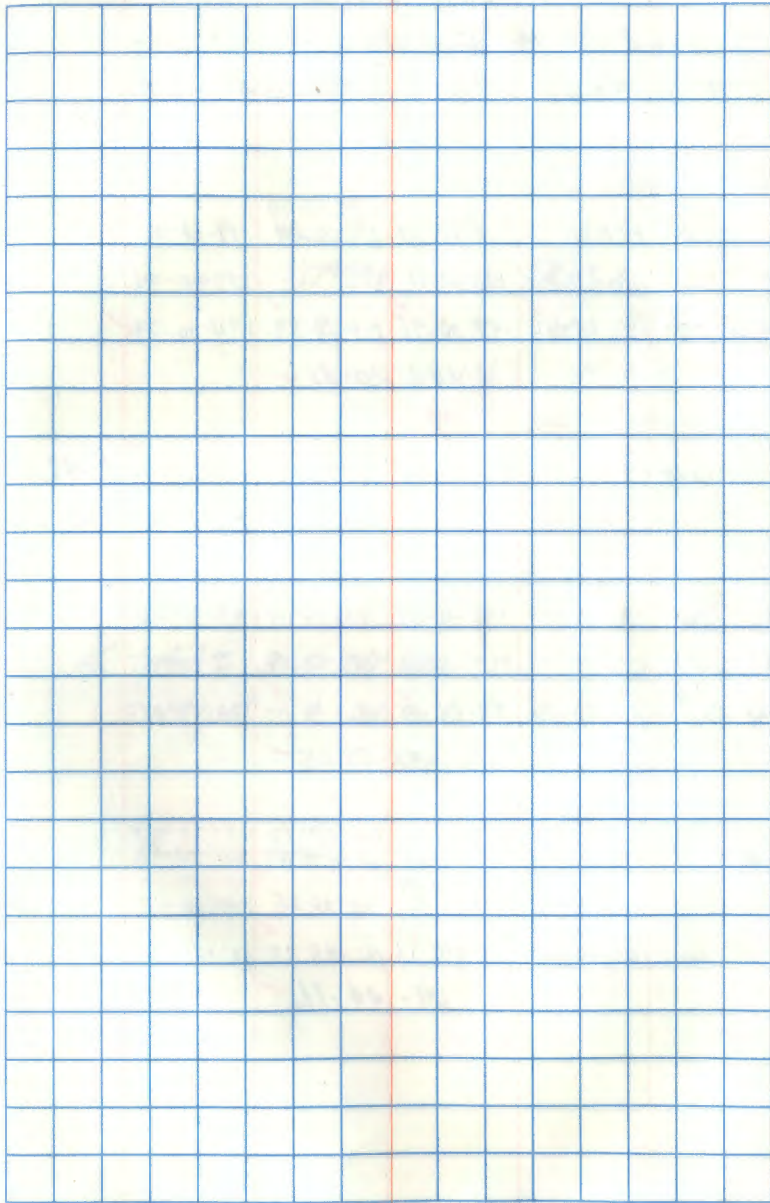
~~Need Temp &
 Barometer for
 Retraction Correction~~

Solar Observation cont'd
from pg 74

Set #	Post	H #	Z #	Time
3		00-00-06		
	D	300-57-12	48-31-50	9:28:00
	D	301-08-49	48-25-45	9:28:44
	D	301-16-41	48-21-21	9:29:14
		180-00-00		
	R	121-30-26	311-46-01	9:30:06
	R	121-39-44	311-51-04	9:30:42
	R	121-46-55	311-54-51	9:31:09
		201-23-05"		9:29:24.0

4

		359-59-56		
	D	302-27-49	47-42-58	9:33:42
	D	302-39-34	47-36-48	9:34:26
	D	302-50-19	47-31-10	9:35:06
		179-59-53		
	R	123-04- ⁴⁵	312-36-05	9:36:00
	R	123-15-06	312-41-47	9:36:39
	R	123-22-31	312-45-28	9:37:06
		302-56-76		9:35:24.0



T59N R25W Sec 6+7 Subdivision

Sideshot to ME East shore of East Lake

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

H &

FS ~~277~~²⁷⁸ 144-21-12 324-20-58 199-20-56 235-00-04 19-20-43BS ~~276~~²⁷⁹ 00-00-23³⁰ 180-00-13 55-00-17 235-00-04T@ ~~27~~²⁶ 144-20-42 144-20-45 144-20-39 144-20-39 ✓

144-20-41 ✓

89-52-27

Dist 27-279 89-52-27 270-07-35 2549.78ft 777.174M 2549.46 ✓

FS ~~278~~²⁷⁹ 178-16-13 358-16-02 233-16-04 53-15-50

BS 279 144-21-12 324-20-58 199-20-56 19-20-43

T@ ~~27~~²⁶ 33-55-01 33-55-04 33-55-07 33-55-07

33-55-05 ✓

FS ~~277~~²⁷⁸ 181-44-49 1-44-29 21-50-45 31-50-29BS ~~277~~²⁷⁸ 0-00-30 180-00-14 1-44-29 30-06-25 21-06-13

T@ 26 181-44-19 181-44-11 181-44-20 181-44-14

181-44-16 ✓

✓ Pk. 12/12/83.

Dec 8, 1983

T M K. Whitehorn

P.C. G. Kasenko

Clear Cold Breezy

15° F 29.65 in Hg

SN 4863 Leitz Red 2A - 2 PPM

Leitz triple 30mm

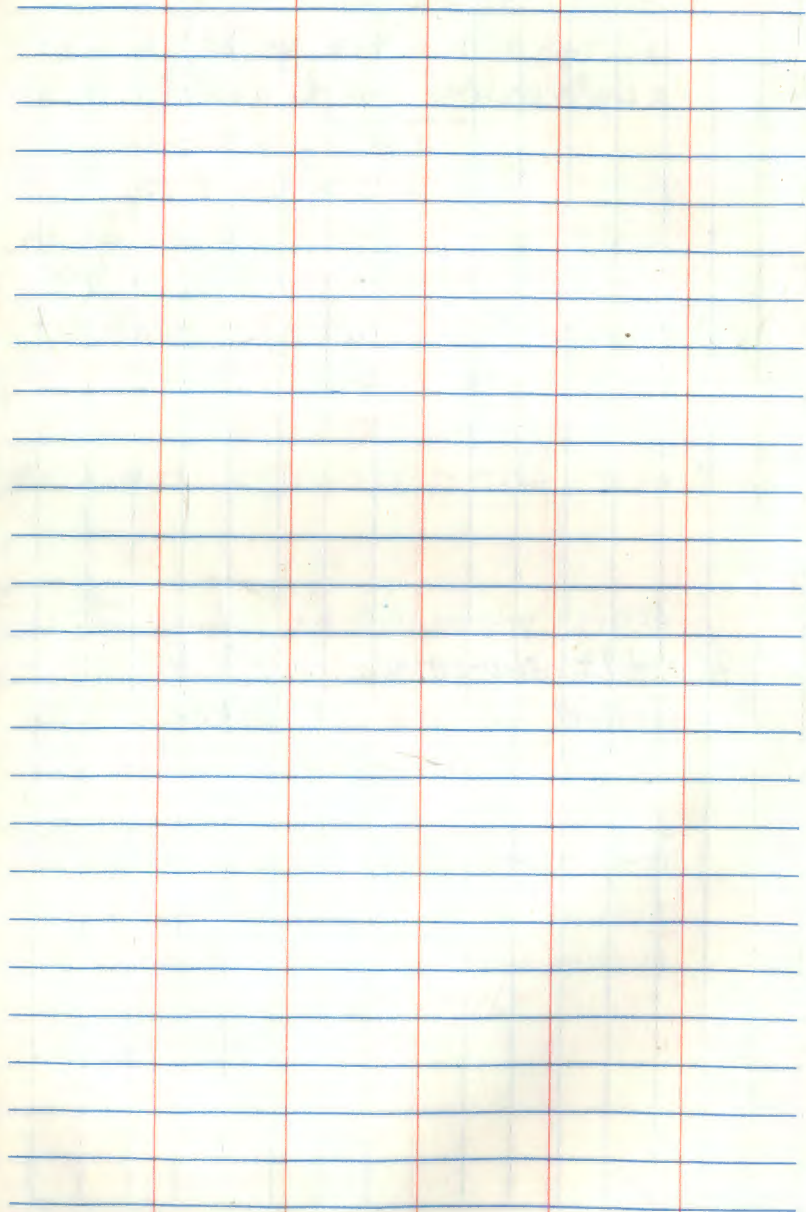
Wild TL SN 265184

* total = 360-00-02

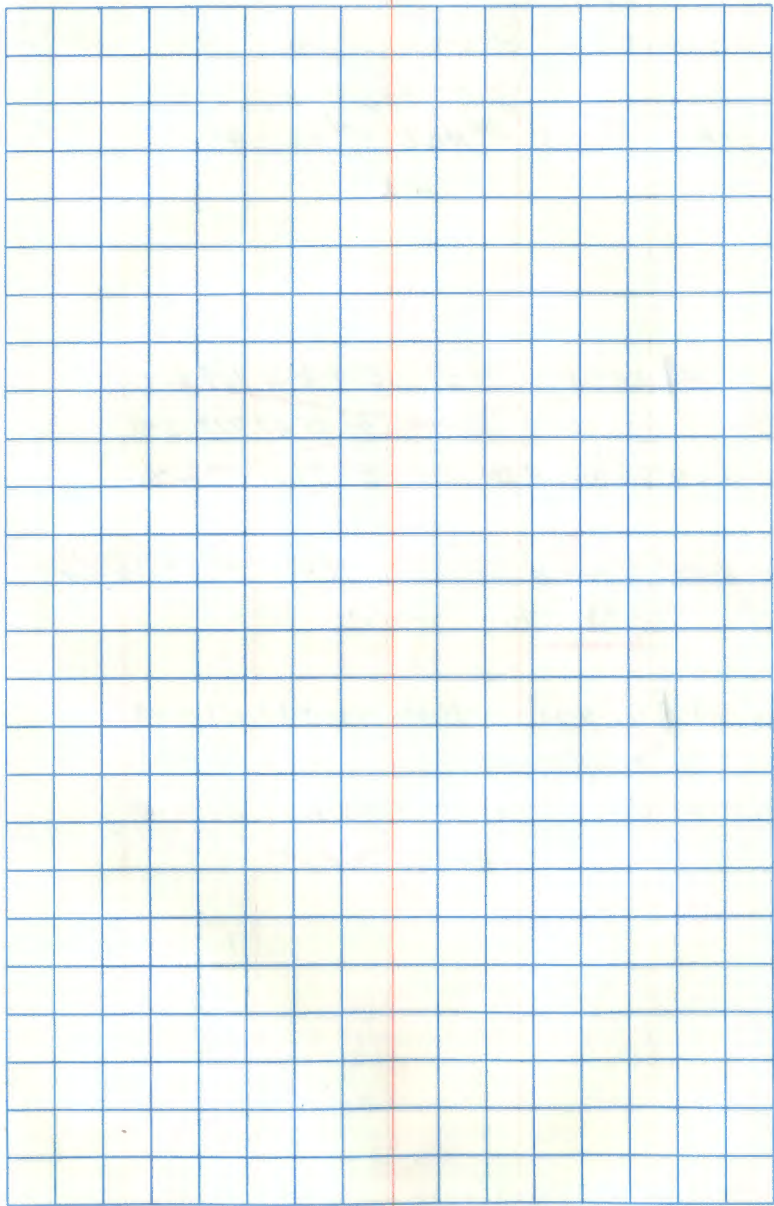
subtract 1 second to balance

angles

78



78



79

T59N R25N sea 6 Sub

sideshot to recovered Original Survey MC ⁵¹⁸⁶

on south shore Copenhagen Lake

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

H4

~~FS 140 285-33-20 105-33-00 334-48-15 154-47-51~~~~BS 15 00-00-16 180-00-51 49-15-07 229-15-05~~~~T-2-14 285-33-14 285-32-50 285-33-07 -31-46~~

92-48-14

Dist 14-1001 92-48-26 267-11-40 49.82 49.94 chained

49.82 chain Horiz

FS 140 285-34-10 105-34-00 317-07-27 137-07-07

BS 15 0-01-07 180-00-51 31-34-13 211-34-03

T@ 14 285-34-03 285-33-09 285-33-14 285-33-09

285-33-08
7.5 ✓

✓ Ok. 12/12/83

79

49
50.32
15
49.82~~49.56~~ ✓