

5<sup>th</sup> AM.  
T 148N

R 26 W

82 0012

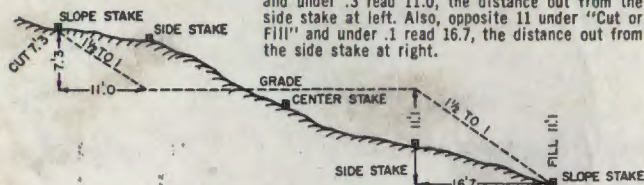
Book 13



### DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING

Roadway of any Width. Side Slopes 1½ to 1.

In the figure below: opposite 7 under "Cut or Fill" and under .3 read 11.0, the distance out from the side stake at left. Also, opposite 11 under "Cut or Fill" and under .1 read 16.7, the distance out from the side stake at right.



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

DISTRICT RANGER  
U. S. Forest Service  
P. O. Box 308  
Deer River, MN 56636

Phone (218) 246-2123



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

KEUFFEL & ESSER CO.



BOOK #3

FULL BOOK

①

Township 148 N Range 26 W  
5<sup>th</sup> P.M.

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Sept 22, 1981. Sunny 65°. K. Whitehorn  
first day of fall R. Oleson  
beautiful (windy)

South from approx Mc between  
Sec 21 & 22 1" (ID) Iron pipe at  
edge of lake, painted yellow, up  
3' and leaning not in ground  
very far. Straightened it up.

190' fnd 1" (ID) Iron pipe up 3'  
painted yellow

560 N-S gate posts

570 Enter bog


870 Leave bog <sup>living</sup>

1170 fnd 18.5" white oak <sup>living</sup> by  
woods trail with characteristic  
blaze scars on SE face.  
Also blaze marks on East &  
west face. West blaze even  
resembles Beaver Blaze.

Cut into top ~~scar~~ scar on SE  
face with chainsaw. Rotted  
face in about 5" but no evidence  
of scribe. Cut another piece  
below first. Still no evidence  
of any scribing. No signs of




Reverse image either. Tree appears to have been burned some or face rotted before overgrowth could form reverse image. In a last effort we decided to cut into scar at base of the tree to look for the 'BT' scribe. This area was very rotten also with no scribing visible, however there are definite axe marks in the vicinity of the top of the blaze marks. Took several photos (hope they come out). Based on this tree we searched surrounding area but found no further evidence. Definite burn evidence on this piece. Ring Count was 100.

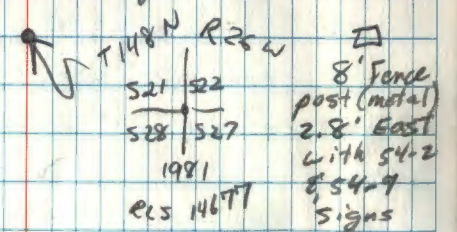

 1950 Woods trail  
 2320 Enter Tam Swamp (very dry)  
 2640 80' East of  $1\frac{1}{2} \times 5'$  wood post (squared & painted blue). No evidence of BT's at record bearings & dist. Also found location tag set by McDonald in 1951? 30' W and 50' South.

R-13

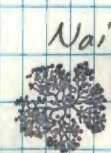
Set a 2' x 5' galvanized iron pipe with 2 1/2" brass cap for section corner 21, 22, 27, 28, T148 N, R26 W, 5<sup>th</sup> P. M.


 Nail in West face up 0.5' in 8" white oak  
 N 90° E 65.19'  
 Scribed S 22 BT

Nail in ~~SW~~<sup>South</sup> face, up 0.5' in 5" white oak  
 Nail in SW face of R.5' original white oak, up 0.9'. No scribing visible  
 N 80° W 51.32'  
 Scribed S 21 BT



Nail in NW face, up 5.5' in 11" Spruce (white)  
 Scribed S 28 BT  
 S 45° W 70.05'


 Nail in W face, up 0.9' in 4" white oak  
 S 23° E 41.79'  
 Scribed S 27 BT

Note: Everything painted with red enamel per PS instructions  
 See BK 2, pp 36



South From found Post

760 Hit NE-SW Ridge 100' wide

North from found  $\frac{1}{4}$  post

500 Leave Tam<sup>s</sup> & cedar swamp

East from BT at Sec Cor 21-22-27-28

185 Enter swamp



5

T148N R26W Sec 13

K-25

N 1116 13-18 T148N R26W-R25W

1927 County Survey P. C. Warner

Tum 7" N66°W 45.8 ft

Now N55W 45.8 ft

Cedar 8" S44°W 48.5 ft

Now S58W 48.5 ft

Corner was found to be marked with a squared post scr: "N1116 S" at old fence corner. Iron mon. (Found 6" under ground a 1" iron pipe marking corner)

6/2/61 R. H. McDonald UFSF

Recovered the above and set a 2" ins dia diam. by 5' long gal wrought iron pipe filled w/concrete & capped w/a 3" diam bronze tablet stamped:

R26W  
N1116

S13 S18

1961

R25 No 3628

W. Spruce, 9" S74°W 44.2 ft

Birch 5" S15½°E 42.75 ft

Cedar post

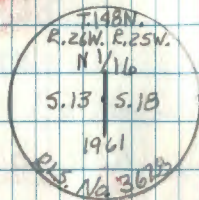
5

March 26, 1984

R. H. B. Kosenko

Ade. G. Robertson

Recovered a 2½ in outside diameter galvanized iron pipe with a 3 in diameter brass cap stamped as shown, up 2.3 feet from which:



1981 W. Birch, 12.1 in, S88°E, 7.32 ft to 16d nail in south face, double blazed, scr: "N1116 S13BT", w/60d spike

1961 W. Birch, 6.8 in, S14°E, 42.81 ft to 16d nail in NE face, double blazed, overgrown, w/60d verticle spike

1961 W. Spruce, 12.7 in, S78°W, 44.24 ft to 16d nail in north face, double blazed, overgrown, 60d spike

1981 W. Spruce, 12.6 in, N04°W, 33.78 ft to 16d nail in east face, double blazed, scr: "N1116 S13BT", w/60d spike

Established:

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

Metal fence post, west, 3.0 ft w/54-2, 54-9

Also recovered:

1981 Ash, 7.1 in, S14°W, 46.53 ft to 16d nail in SE face, double blazed, scr: "N1116 S13BT" w/60d spike

1927 Cedar stump, S61°W, 48.95 ft to 16d nail in SE face, scr: "BT" visible, w/60d spike

5° declination



T148N R26W Sec 1,6,7, & 12 E-25

Orig. Govt. Survey

Sugar, 5", S31°W, 121ks

Aspen, 12", N22°W, 151ks

Aspen, 7", N73°E, 51ks

Aspen, 10", S36°E, 81ks

1917 P.C. Warner

Aspen, 14", N52°W, 46.9'

Aspen, 12", S38°W, 41.8'

Aspen, 12", N50°E, 46.9'

1920 B.C. Craig

Found 1917 BT's (all stubs)

Est.

1-Wood, 4", N88°E, 65.6'

1961 P.J. Meyer

Found I.P. and Ironwood, set Brass Cap

Est.

Maple, 5", N52°E, 32.16'

Maple, 4", S51°E, 36.45'

Maple, 6", S80°W, 10.95'

Maple, 5", N45½°W, 26.55'

1967 Itasca County, Found 2 I.P.'s, one with B.C.  
also found 1961 BT's

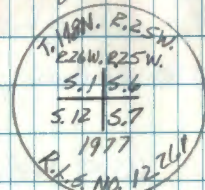
1983 B. Ausk found B.C.

March 27, 1984 G. Kosenko, G. Robertson

Recovered a 2½ in. outside diameter galvanized  
iron pipe with a 3 in. diam brass  
cap, up 1.8 ft from which:

1½ in iron pipe, up 4 in. and adj

5° declination



Sugar Maple, 12 in, S78°W, 12.98 ft to 16d nail in north  
face, double blaze overgrown, w/6d verticle spike

Sugar Maple, 9.3", N46°W, 26.68 ft to 16d nail in NE  
face, double blaze overgrown, w/6d verticle spike

Established

Sugar Maple, 6.5 in, N58°E, 30.26 ft to 16d nail in SE face,  
double blaze, scr. "S 6 BT", w/6d verticle spike

Sugar Maple, 9.0 in, S84°E, 77.55 ft to 16d nail in  
north face, double blaze, scr. "S 7 BT", w/6d spike

Metal fence post, south, 3.0 ft, w/54-2, 54-9



7

T148N R26W Y4 Sec. 7+12 Q-25

Orig. Govt Survey

Birch, 8", N82°E, 301ks (19.80')

Sugar, 8", S18°W, ?

Jan 1909 Itasca Co.

Birch, 9", N59°E, 601ks (39.60')

Maple, 8", S25°W, 561ks (36.96')

Oct. 1917 Nightengale

Found 1909 Birch

Est.

Maple, 8", S27°W, 37.5'

1961 USFS Fnd 1 3/4" I.P., set B.C.

Elm, 6", S03°E, 22.85'

Elm, 8", S41°W, 82.7'

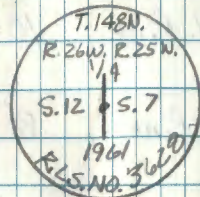
Oak, 9", N51°W, 10.9'

1967-68 Itasca Co.

Found 2 I.P.'s, B.C., 1909 Maple, + 1917 Birch

7

March 27 1984 G. Kosenko, G. Robertson  
 Recovered a 6 in outside diameter concrete  
 monument up 1.8 ft, with a 3 in  
 diameter brass caps tamped  
 as shown from which:



1961 Elm, 8.6 in, S02°E, 22.62 ft to 16d nail in  
 NW face, double blaze overgrown, w/60d vertick spike

1961 Elm, 8.1 in, S40°W, 82.39 ft to 16d nail in  
 NW face, double blaze overgrown, <sup>notch cut out</sup> at back of tree, w/60d spike

1961 Oak, 5.0 in, N54°W, 10.94 ft to 16d nail in SE  
 face, double blaze overgrown, w/60d vertick spike

Established:

W. Birch, 8.5 in, S65°W, 18.70 ft to 16d nail in SE  
 face, double blazed, scr: "1/4 512BT", w/60d spike

Metal fence post, north, 30 ft w/54-2

Metal fence post, west, 3.0 ft w/54-2, 54-9

5° declination



T148N R26W Sec. 7, 12, 13, 1/8 J-25

Orig. Govt. Survey

N. Pine, 10", S15°W, 12 lks

N. Pine, 8", S38°E, 27 lks

N. Pine, 7", N80°E, 5 lks

Birch, 6", N08°W, 16 lks

1913 old corner find, No mention of BT's

N. Pine, 10", N24-10W, 102.2'

N. Pine stump, 6", N68-05E, 92.6'

Balsam, 10", S26-30W, 94.3'

Cedar post, 4", S31-25E, 75.7'

1917 Nighthawk Found 1913 BT's

5/81 Itasca Co

power pole, N30°W, 44.30'

N. Pine, 14", N04°E, 89.85'

Co. Mon., South, 60.00' (3" high)

N. Pine, 8", S15°E, 72.18'

"X" E end culvert, East, 12.50'

"X" W end culvert, West, 16.77'

March 27, 1984 G. Kosenko, B. Ausk, G. Robertson

Recovered a Itasca County Monument, 1 1/2 in outside diameter iron pipe with an aluminum cap

stamped up 3 inches

60.04 feet south of an

1 in outside diameter iron pipe, 12 inches under road surface from which:

Red Pine, 15.8 in, N07°E, 90.47 ft to 1/2 in nail in west face, double blazed, scr: "57 BT" w/60d spike

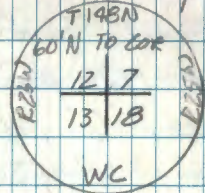
Red Pine, 10.1 in S13°E, 72.59 ft to 1/2 in nail in SW face, double blazed, scr: "518 BT" w/60d verticle spike

Power Pole, N29°N, 44.34 ft to face of pole  
scr: "BT"

"X" E End culvert, E, 12.50'

"X" W End culvert, W, 16.83'

METAL FENCE post 3.0 South of W.C. w/54-9 sign





T148N R26W  $\frac{1}{4}$  Sec. 13-18 L-25

Orig. Govt. Survey

Aspen, 6", S35°W, 6 lks

Aspen, 6", N82°E, 16 lks

Dec 1920 B.C. Craig

Pine stmp, 12", N67°E, 30.4'

1927

4/10/61 USFS Found 1" I.P. & original post point

Found 1920 pine stmp (very decayed)

W. Spruce, 6", N21°W, 44.2'

W. Spruce, 4", S01°E, 37.35'

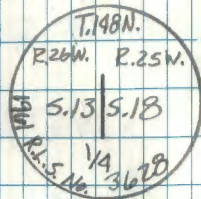
W. Spruce, 6", N84°E, 60.9'

11/16/73 Krause, all BT's good

7/29/83 Ausk, all BT's good

March 26, 1984, G. Kosenko, G. Robertson

Recovered a 2½ in outside diameter galvanized iron pipe with a 3 in diameter brass cap stamped as shown, up 1.3 feet from which:



1981 County W. Spruce, 11.4 in, N32°E, 14.75 ft to 1bd nail in east face, double blazed, no scri. w/60d spike

1961 W. Spruce, 11.6 in, N86°E, 60.75 ft to 1bd nail in north face, double blaze grown over, w/60d spike

1961 W. Spruce, 10.0 in, S03°W, 37.16 ft to 1bd nail in west face, double blaze grown over, w/60d spike

1961 W. Spruce, 12.1 in, N30°W, 43.95 ft to 1bd nail in NE face, double blaze grown over, w/60d spike

Metal fence post, east, 3.0 ft w/54-2 and 54-9

Established:

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

5° declination



T148N R26W Sec. 13, 18, 19, &amp; 24 N:25

Orig. Govt. Survey

Tam, 4", N55°E, 35 lks 23.10 ft

Tam, 4", S75°E, 30 lks 20.00 ft

Tam, 3", S30°W, 18 lks 12.00 ft

Tam, 4", N30°W, 60 lks 40.00 ft

Dec 1920 B.C. Craig, Found 3 Govt. Tam.

Est.

Tam, 8", S35°W, 66.2'

Tam, 6", N89°W, 35.9'

Tam, 6", N10°E, 56.0'

Dec 1934 Tam Stake

Found 2 Govt BT's, a 1920 BT

Est

Tam, 4", N58°W, 16.50'

Tam, 8", N87°E, 56.10'

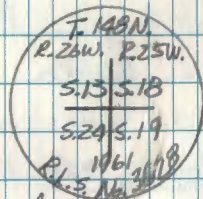
Tam, 4", S45°E, 29.70'

11/29/61 USFS

Set Brass Cap, Found: 1 1/4" I.P. & orig. stake  
Also found 3 orig. BT's & 2 1920 BT's

7/29/83 Ausk found B.C., BT's O.K

March 26, 1984, G. Kosenko, G. Robertson

Recovered a 2 1/2" outside diameter  
galvanized iron pipe with a 3 in diameter  
brass cap stamped:

up 18 inches

from which:

1920 Tamarack, 5.7 in, N80°W, 35.91 ft to 16d nail  
in south face, single blaze, <sup>scr</sup>visible but weathered w/ good spike1934 Tamarack, 5.8 in, N59°W, 17.08 ft to 16d nail  
in NE face, blaze overgrown, w/ good spike (alive)1934 Tamarack, stump, N87°E, 56.25 ft to 16d nail  
in south face, stump badly rotted, w/ good verticle spike1934 Tamarack, (stump) 547°E, 30.92 ft to 16d nail  
in NE face, blaze cut into and weathered, w/ good spike1961 Tamarack, 9.0 in, N35°E, 31.13 ft to 16d nail  
in NW face, double blaze, sur. s 18" visible, w/ good spike1961 Tamarack, 6.2 in, S17°E, 32.38 ft to 16d nail  
in East face, double blaze overgrown, w/ good spike

Go to pg 12, this book



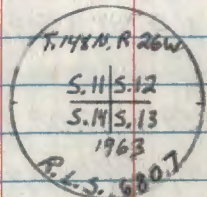
Sec. Cor. for Sec. 11, 12, 13, 14  
 Cont. from PAGE 47 Book #1  
 1-5-84 B. Ausk G. Robertson  
 We dug through 8" Black top and  
 down about 4" of GRAVEL, found  
 a old Bolt 1" square head  $\frac{3}{4}$ " diam.  
 filled back in with Cold pac and  
 put a 60d spike on top of Road  
 SURFACE. Bolt was LEANING to  
 the South But Bottom fit REAL  
 good with B.T.'s DISTANCES.

May 22, 1984 K. Whitehorn, B. Ausk, + G. Robertson

Mon. is 2.3 ft

So. of & Co Rd.

#4



Found a concrete monument with a 3 in.  
 dia. brass cap stamped as shown, under road  
 surface 1.3 ft. From which:

R. Oak, 11.9 in., N 08° E, 85.56 ft to a 16d nail in  
 R. Oak, 14.3 in., S 73° E, 208.90 ft to a 16d nail in  
 R. Oak, 12.4 in., S 47° W, 71.80 ft to 16d nail in the  
 R. Oak, 8.6 in., N 25° W, 93.00 ft to a 16d nail in the

There is a  $\frac{5}{8}$  in. dia. by 1 ft. long aluminum  
 rod directly over the monument and, just under  
 the road surface. There is also a recovered  
 bolt lying down on top of the mon.

the W face, double blazed, scribed "S12 BT"  
 the N face, double blazed, scribing overgrown  
 NW face, double blazed, scribing overgrown  
 SW face, double blazed, scribing overgrown



T148N R26W Sec 13

SE sec cor sec 13

Cont'd from pg 10 this book

1961 Tamarack, 6.0 in,  $550^{\circ}$ W, 23.16 ft to 16d nail  
in north face, double blaze overgrown, w/rod spike1961 Tamarack, 6.3 in,  $180^{\circ}$ W, 22.08 ft to 16d nail  
in north face, double blaze overgrown, w/rod spike

Metal fence post, north, 5.0 ft w/54-2

Metal fence post, east, 5.4 ft w/54-2, 54-9  
5° declination



T148N R26W SEC 12, 13 Sub

## EXTERIOR TRAVERSE

STA 1 = SW COR 12

STA 4 =  $\frac{1}{4}$  SEC 12, 11

STA 17 = NW COR 12

STA 19 = W  $\frac{1}{16}$  12, 1STA 26 =  $\frac{1}{4}$  SEC 12, 1

STA 34 = NE COR 12

STA 40 =  $\frac{1}{4}$  SEC 12, 7

STA 43 = SE COR 12

STA 46 = N  $\frac{1}{16}$  SEC 13, 18STA 48 =  $\frac{1}{4}$  SEC 13, 18STA 51 = S  $\frac{1}{16}$  SEC 13, 18

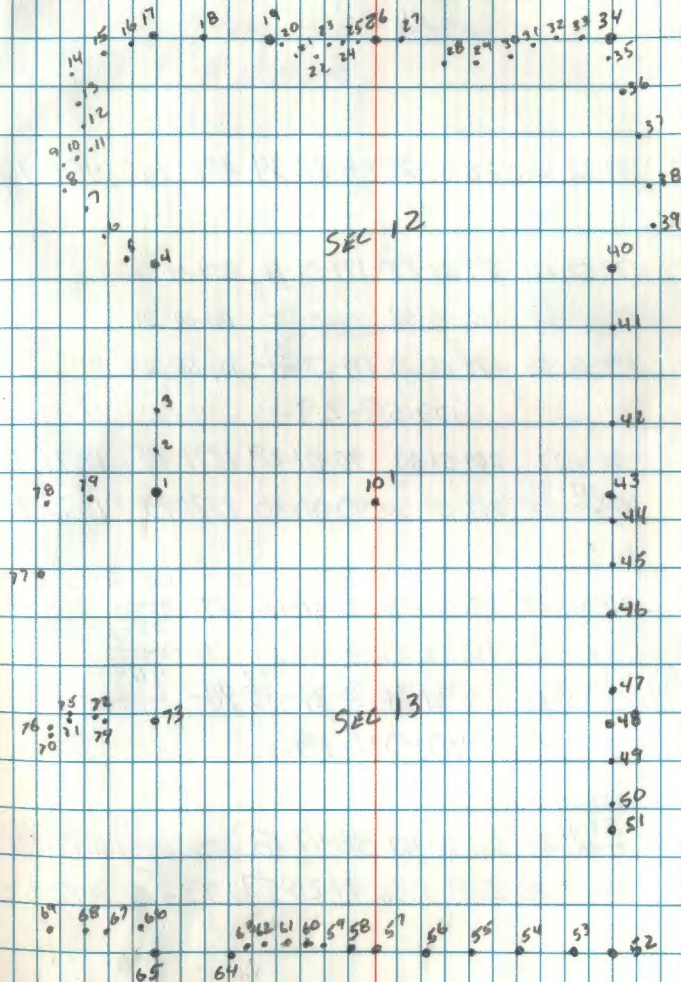
STA 52 = SE COR SEC 13

STA 65 = SW COR SEC 13

STA 73 =  $\frac{1}{4}$  SEC 13, 14

T148N R26W SEC 12 &amp; 13 Sub

## EXTERIOR TRAVERSE





T148 NREGW Sec 12 #18 Sub

Exterior traverse around sec 12

STA 1<sup>st</sup> H<sub>4</sub> 0 2<sup>nd</sup> H<sub>4</sub> R 3<sup>rd</sup> H<sub>4</sub> D 4<sup>th</sup> H<sub>4</sub>H<sub>4</sub>

Dist 2-3

Dist 3-2 88-22-32 271-37-25 88-22-34 486.10 485.90

FS 4 179-59-11 359-58-55 179-59-16 359-59-06

BS-2 00-00-37 180-00-32 00-00-35 180-00-39

T@3 179-58-34 179-58-23 179-58-~~21~~<sup>31</sup> 179-58-27

179-58-29

3 to 4 90-01-27 269-58-30 90-01-29 1371.98 1371.98

4 to 3 90-~~00-28~~<sup>00-31</sup> 269-59-30 90-00-30 1371.95 1371.95FS 5 91-01-29 271-01-19 91-01-16 271-~~01-16~~<sup>00-28</sup>BS 3 00-~~27-31~~<sup>27-31</sup> 180-26-53 00-26-59 180-~~26-59~~<sup>25-58</sup>T@ 4 90-33-58 90-34-26 90-34-~~17~~<sup>17</sup> 90-~~34-58~~<sup>34-30</sup>

90-34-18

Dist 4 to 5 91-~~12-47~~<sup>89-47-24</sup> 271-12-47 88-47-18 299.45 299.36

5 to 4 91-19-50 268-37-56 91-20-57 299.42 299.34

OK BA

11-23-83

Nov 21, 1983

T-2 S/N 265184

Cloudy, windy, cold

PR11A S/N 4863

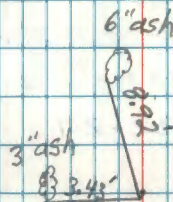
RET T @ G. Kosenko

BPR = 29.1 Temp = 28°F

Arde - B. Auck

ELF = +1 @ 10:00 AM

- G. Robertson

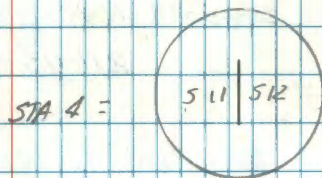


60d spike

Station is on the edge of  
a swamp. Very shaky set

1371.965 ✓

40



Concrete man w/BC

299.35 ✓



T148N R26W S.12 Sub

EXTERIOR TRV. SEE 12 <sup>Cont'd from</sup> pg 14STA. 1<sup>st</sup> HAR 2<sup>nd</sup> HAR 3<sup>rd</sup> HAR 4<sup>th</sup> HAR

H4

FS 6 195-32-57 15-32-41 195-33-00 15-32-52

BS 4 00-00-27 180-00-15 00-00-27 180-00-24

T@ 5 195-32-30 195-32-25 195-32-33 195-32-28

195-32-29 ✓

Dist 5-6 85-31-55 274-22-17 85-37-49 329.90 328.94

Dist 6-5 94-28-52 265-31-00 94-28-56 329.95 328.94

FS 7 211-45-27 31-45-14 211-45-30 31-45-14

BS 5 00-00-04 179-59-51 00-00-03 179-59-54

T@ 6 211-45-23 211-45-23 211-45-27 211-45-20

211-45-23 ✓

Dist 6-7 89-51-33 270-08-24 89-51-35 350.29 350.29

Dist 7-6 90-14-42 269-45-12 90-14-45 350.29 350.29

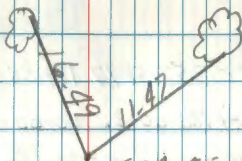
CK WA

11-23-83

Nov 21, 1983

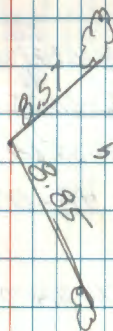
5" Ironwood

5" Ash



STA 5 = 60 d spike

328.94 ✓



STA 6 = 60 d spike

350.29 ✓



TI48N R26W Sec 12 &amp; 13 Sub

Exterior traverse cont'd from pg 15

STA 1<sup>st</sup> H&D 2<sup>nd</sup> H&R 3<sup>rd</sup> H&D 4<sup>th</sup> H&R

H&amp;R

FS 8 179-58-18 359-58-17 179-58-33 359-58-25

BS 6 60-00-29 180-00-26 20-00-39 150-00-26

T@ 7 179-57-49 179-57-51 179-57-54 179-57-51

179-57-53 ✓

Dist 7-8 89-21-36 270-38-11 89-21-43 261.48 261.46

Dist 8-7 90-46-44 269-13-03 90-46-51 261.48 261.46

FS 9 248-03-29 ~~68-03-13~~<sup>26</sup> 248-03-23 18-03-23BS 7 00-00-16 ~~180-00-23~~<sup>16</sup> 00-00-24 180-00-16T@ 8 248-03-13 ~~248-03-07~~<sup>10</sup> 248-03-09 248-03-07

248-03-10 ✓

Dist 8-9 80-59-23 271-00-22 80-59-31 231.71 231.67

Dist 9-8 91-10-06 269-47-55 91-10-06 231.72 231.67

OK WA

11-23-83

Nov. 21, 1983

6" Basswood

3.02

1324

6" Basswood

60d spike

261.46 ✓

6" Basswood

8" Maple

9.96

STA 8 = 60d spike

231.67 ✓



T148N R26W Sec 12 &amp; 13 Sub

Exterior traverse cont'd from pg 16

STA 1<sup>st</sup>H40 2<sup>nd</sup>H4R 3<sup>rd</sup>H40 4<sup>th</sup>H4R  
H4

FS 10 189-03-~~51~~<sup>46</sup> 09-03-38 189-03-46 09-03-34

BS 8 00-00-~~09~~<sup>31</sup> 180-00-23 00-00-28 180-00-16

TP 9 183-03-~~48~~<sup>15</sup> 189-03-15 189-03-18 189-03-19

189-03-17

0 0:st 9 & 10 88-28-23 271-31-33 271-31-35 205.37 205.33

0 10 & 9 91-42-32 268-17-18 268-17-23 205.40 205.31

205.32

FS 11 148-49-28 328-49-19 148-49-29 328-49-20

BS 9 00-00-~~31~~ 180-00-~~22~~ 00-00-~~30~~ 180-00-~~25~~

TP 10 148-49-~~57~~ 148-48-~~57~~ 148-48-~~59~~ 148-48-~~55~~

148-48-57

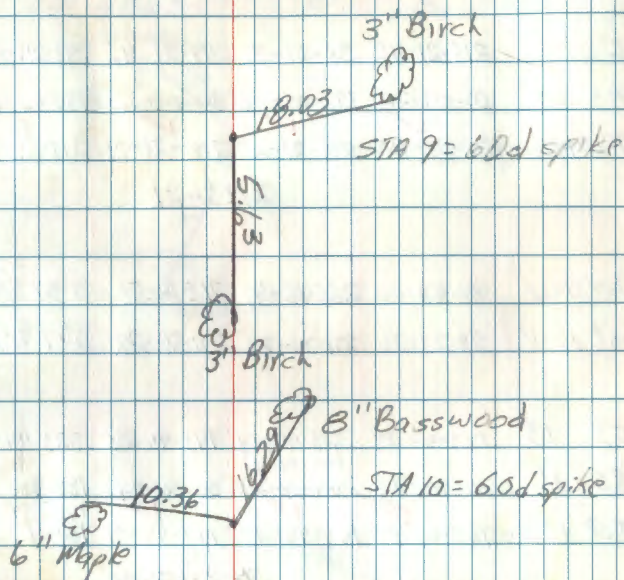
Dist 10-11 70-08-23 269-51-52 269-51-45 296.02 296.02

Dist 11-10 89-58-48 270-00-51 270-01-02 296.03 296.03

296.02

JR  
11/28/83

Nov 21, 1983





T148N P26W Sec 12 &amp; 13 Sub

Exterior traverse cont'd from pg 17

STA 1<sup>st</sup> H&D 2<sup>nd</sup> H&D 3<sup>rd</sup> H&D 4<sup>th</sup> H&D  
144

FS 12 218-21-42 218-21-31 218-21-42 38-21-26  
BS 10 00-00-22 180-00-06 00-00-23 180-00-08  
T@ 11 218-21-20 218-21-25 218-21-19 218-21-18  
218-21-21

Dist 11-12 91-43-00 268-16-41 268-16-51 331.94 331.79  
Dist 12-11 88-23-26 271-36-21 271-36-28 331.94 331.81

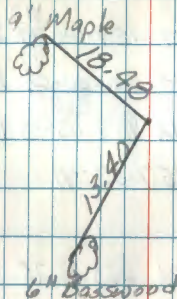
FS 13 143-44-29 323-44-14 143-44-25 323-44-07  
BS 11 00-00-29 269-20-45 00-00-24 180-00-14  
T@ 12 143-44-00 143-44-29 143-44-01 180-43-53  
143-44-00

Dist 12-13 90-39-02 269-20-45 269-20-52 369.54 369.52  
Dist 13-12 89-26-46 270-33-03 270-33-09 369.56 369.54

JR  
11/28/83

Nov 22, 1983

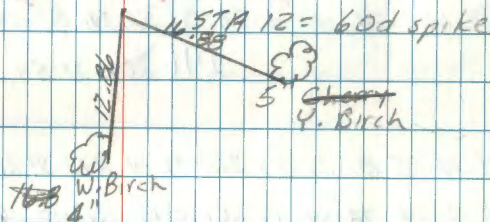
BPE = 29.5 Temp = 28° Cloudy, cold, calm  
ELF = -1 @ 9:30 AM PC TT G. Kosenko  
T-2 S/N 265184 RTT G. Robertson  
WIA S/N 4863 B. Aysk



STA 11 = 60d spike

331.80

6" Basswood



369.53

4" W. Birch



T148N P26W Sec 12 013 Sub

Exterior traverse cont. from pg. 16

STA 1<sup>st</sup> H&D 2<sup>nd</sup> H&R 3<sup>rd</sup> H&D 4<sup>th</sup> H&R

H&amp;D

FS 14 157-04-15 337-03-59 157-04-27<sup>23</sup> 337-04-17BS 12 00-00-34 180-00-17 00-00-39<sup>44</sup> 180-00-34

T@ 13 157-03-41 157-03-42 157-03-39 157-03-43

157-03-41

Dist 13-14 90-26-33 263-33-22 263-33-25 504.74 503.83

Dist 14-13 89-37-47 270-~~22-08~~<sup>22</sup> 270-22-11 504.77 504.76

FS 15 246-40-31 66-40-15 246-40-29 66-40-11

BS 13 00-00-31 180-00-17 00-00-29 180-00-13

T@ 14 246-40-00 246-39-55 246-40-00 246-39-59

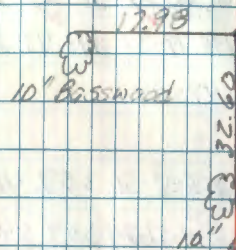
246 246-39-59

Dist 14-15 87-20-33 272-39-14 272-39-21 207.93 207.71

Dist 15-14 92-49-49 267-10-01 267-10-06 207.99 207.74

JR  
11/28/83

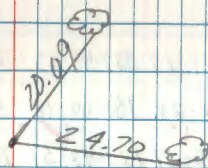
Nov 22, 1983



STA 13 = 60d spike

504.29

10" Basswood

STA 14 =  
60d spike

207.72



20

TREN R26W Sec 12 &amp; 13 Sub

Exterior traverse cont'd from pg 19

STA 1<sup>st</sup> H&R 2<sup>nd</sup> H&R 3<sup>rd</sup> H&R 4<sup>th</sup> H&R

H&amp;R

FS 16 198-49-56 118-49-34<sup>41</sup> 198-49-57 18-49-40BS 14 00-00-20 180-00-12<sup>12</sup> 00-00-20 180-00-06

T@ 15 198-49-36 198-49-29 198-49-37 198-49-34

198-49-34

Dist 15-16 94-57-16 265-02-27 265-02-36 359.48 358.14

Dist 16-15 85-02-28 274-51-15 274-51-24 359.44 358.15

FS 17 177-49-19 357-49-03 177-49-11 357-49-06

BS 15 00-00-28 180-00-12 00-00-20 180-00-15

T@ 16 177-48-51 177-48-51 177-48-51 177-48-51

177-48-51

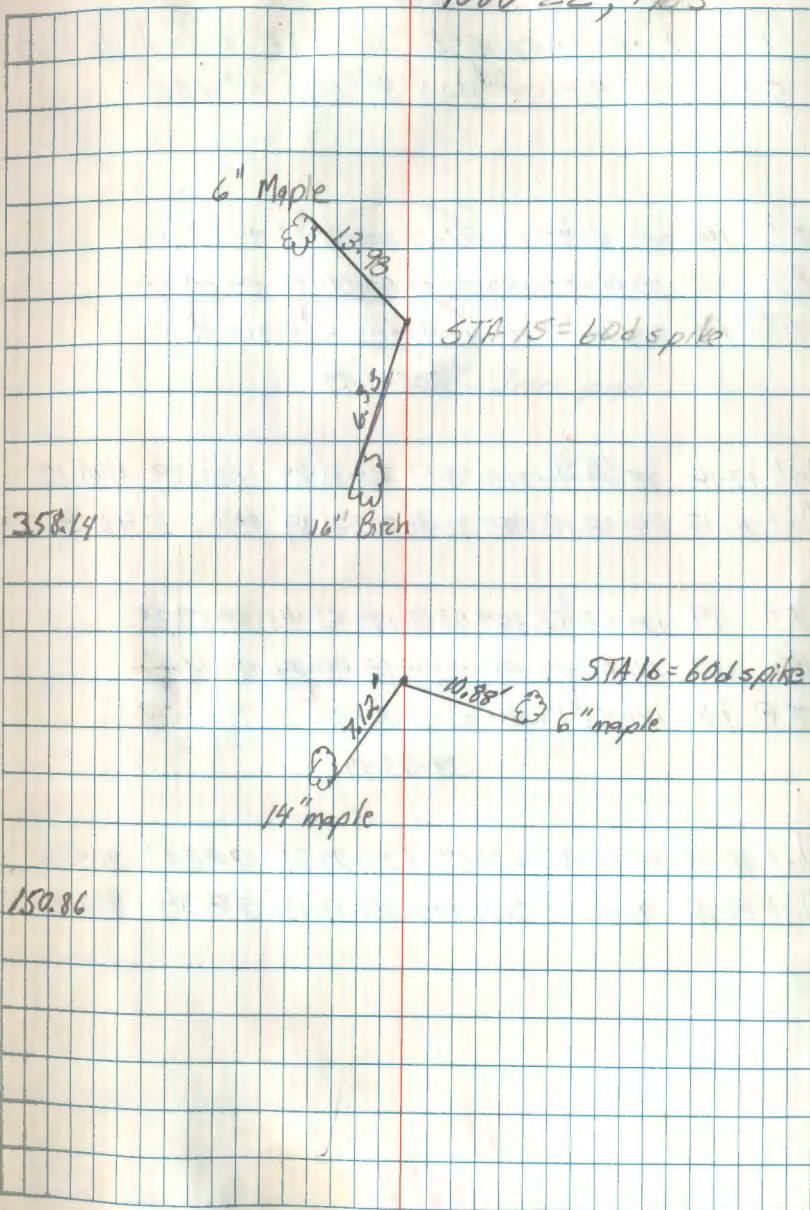
Dist 16-17 100-39-17 259-20-33 259-20-38 153.49 152.84

Dist 17-16 79-34-54 280-25-02 280-25-04 153.41 152.88

JR  
11/28/83

20

Nov 22, 1983





T 148N R26W

EXTERIOR TRAVERSE SEC. 12 CONT. P. 20  
STA 1<sup>st</sup> H&D 2<sup>nd</sup> H&D 3<sup>rd</sup> H&D 4<sup>th</sup> H&D

FS 18 205-42-30 25-42-04 205-42-23 25-42-12

BS 16 00-00-33 180-00-18 00-00-32 180-00-22

T@ 17 205-41-47 205-41-46 205-41-51 205-41-50

205-41-49

Dist. 17-18 95-~~19-46~~<sup>26-20</sup> 264-33-17 264-33-29 482.29 480.12

Dist. 18-17 84-38-18 275-21-36 275-21-39 482.25 480.14

FS 19 179-53-4<sup>3</sup>/<sub>2</sub> 359-53-30 179-53-44 359-53-35

BS 17 00-00-25 180-00-12 00-00-24 180-00-13

T@ 18 179-53-17 179-53-18 179-53-20 179-53-22

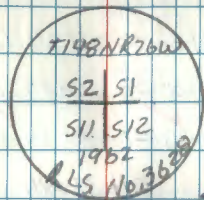
179-53-19

Dist. 18-19 88-30-35 271-27-17 271-27-21 804.33 804.06

Dist. 19-18 91-32-16 268-27-41 268-27-43 804.38 804.09

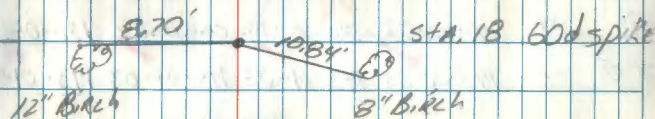
JR  
11/28/83

Nov 22, 1983



Sta. 17

480.13



804.07



22

T148N R26W Sec 12+13

EXTERIOR TRAVERSE Sec. 12 Cont. Pg 21

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

HX

FS 20 211-34-08 <sup>34.09</sup> 31-33-51 211-34-16 31-34-04BS 18 00-00-25 180-00-22 <sup>32</sup> 00-00-34 180-00-22T@ 19 211-33-43 211-33-47 <sup>47</sup> 211-33-42 211-33-42

211-33-44

Dist. 19-20 84-39-47 275-06-31 275-15-51 101.24

Dist. 20-19 95-28-39 264-30-58 264-31-10 101.32 100.86

FS 21 193-01-30 13-01-22 193-01-30 13-01-19

BS 19 00-00-32 180-00-19 00-00-27 180-00-19

T@ 20 193-00-58 193-01-03 193-01-03 193-01-21

193-01-01

Dist. 20-21 92-39-27 267-20-19 267-20-26 282.49 282.19

Dist. 21-20 87-28-15 272-31-43 272-31-44 282.49 282.21

JP  
11/28/83

22

Nov 22, 1983

T148NR26W

STA 19 =

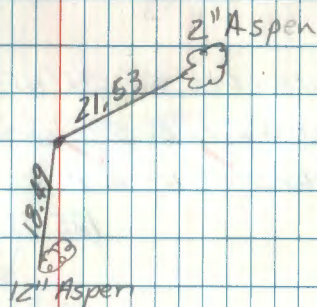
W 15.1

165.12

P.L.S. No. 1967

3629

100.86



282.20



T148N R26W

EXTERIOR TRAVERSE SEC 12 CONT, Pg 22

STA 1<sup>st</sup> H&O 2<sup>nd</sup> H&R 3<sup>rd</sup> H&O 4<sup>th</sup> H&RFS 22 139-33-57 319-33-<sup>46</sup>35 139-33-59 319-33-46BS 20 ~~00-00-27~~ ~~180-00-17~~ ~~00-00-20~~ 180-00-08T@ 21 139-33-30 139-33-<sup>39</sup>23 139-33-39 139-33-38

139-33-36

Dist 21 to 22 88-09-04 271-50-36 271-50-46 265.32 265.18

Dist 22 to 21 91-58-58 268-00-46 268-00-54 265.37 265.21

FS 23 125-29-25 305-29-19 125-29-24 305-29-13

BS 21 ~~00-00-27~~ ~~180-00-15~~ ~~00-00-25~~ 180-00-15

T@ 22 125-28-58 125-28-18 125-28-59 125-28-38

125-28-58

Dist 22-23 89-05-22 270-54-25 270-54-32 177.85 177.83

Dist 23-22 91-07-02 268-54-43 268-53-51 177.86 177.83

JR  
11/28/83

Nov 22, 1983

3" Aspe

14.19

15.14

3" Aspen

STA 21 = 60d spike

265.20

STA 22 = 60d spike

14.59

15" BALSAM

13" BALSAM

177.83



24

T148N R26W

Exterior traverse Sec 12 Cont'd pg 23

STA 1<sup>st</sup> H40 2<sup>nd</sup> H4R 3<sup>rd</sup> H40 4<sup>th</sup> H4R

FS 24 195-30-24 15-30-12 195-30-24 15-30-14

BS 22 00-00-23 180-00-12 00-00-27 180-00-24

T@ 23 195-30-01 195-30-00 195-29-57 195-30-03

195-30-00

Dist 23-24 91-20-43 268-39-14 268-39-16 241.19 241.12

24-23 88-48-27 <sup>271-11-32</sup>  
~~268-19-23~~ 271-11-33 241.19 241.14FS 25 215-31-51 35-31-27 <sup>07</sup> 215-31-35 35-31-15BS 23 00-00-30 179-57-57 <sup>42</sup> 00-00-09 179-57-49T@ 24 215-31-21 215-~~31-28~~ <sup>31-25</sup> 215-31-26 215-~~31-26~~ <sup>31</sup> 215-30-26

215-31-25

Dist 24-25 91-40-44 268-19-23 268-19-20 241.13 241.03

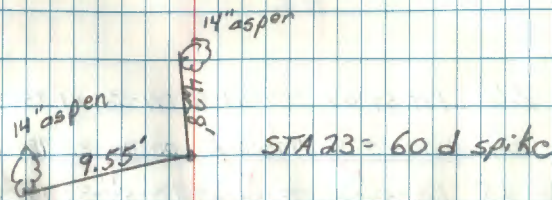
Dist 25-24 88-28-26 271-31-36 271-31-35 241.14 241.05

JR

11/28/83

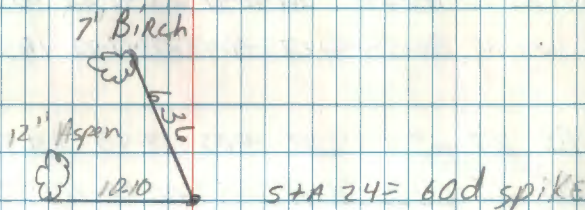
24

Nov. 22, 1983



STA 23 = 60 d spike

241.13



STA 24 = 60 d spike

241.04



T148N R26W

EXTERIOR TRANSVERSE SEC. 12 Cont P924

STA. 1st H&D 2<sup>nd</sup> H&D 3<sup>rd</sup> H&D 4<sup>th</sup> H&D

H&amp;D

FS 26 179-54-57 359-54-50 179-55-01 359-54-48

BS 24 00-00-32 180-00-21 00-00-30 180-00-21

T@ 25 179-54-25 179-54-29 179-54-31 179-54-27

179-54-28

Dist 25-26 <sup>93-13-04</sup> 179-54- 266-46-47 266-46-52 183.29 183.00

.26-25 86-58-46 273-00-49 273-01-02 183.25 183.00

FS 27 169-48-24 349-48-03 169-48-13 349-47-58

BS 25 00-00-21 180-00-03 00-00-11 179-59-59

T@ 26 169-48-03 169-48-00 169-48-02 169-47-59

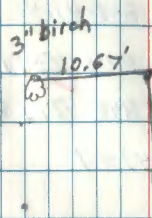
169-48-01

Dist 26-27 23-00-50 276-58-59 276-57-00 192.19 190.76

Dist 27-26 97-10-38 262-49-14 262-49-18 192.24 190.73

JP  
11/28/83

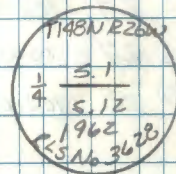
Nov 22, 1983



STA 25 = 60d spike

5" birch

STA 26 =



Iron pipe w/BL

Nov 23, 1983

Cloudy, winter storm warning  
Same crew as previous day

BPR = 29.2 Temp = 28°F

ECF = @



26

T148N R26W Sec 12 &amp; 13

Exterior traverse cont'd from pg 25

STA 1<sup>st</sup> H&D 2<sup>nd</sup> H&R 3<sup>rd</sup> H&D 4<sup>th</sup> H&R

H &amp;

FS 28 248-47-43 68-47-28 248-47-41 68-47-27

BS 26 00-00-28 180-00-10 00-00-24 180-00-10

TP 27 248-47-15 248-47-18 248-47-17 248-47-17

248-47-17

Dist 27-28 86-37-45 273-22-00 273-22-08 532.74 531.82

Dist 28-27 93-26-23 266-33-26 266-33-32 532.75 531.79

FS 29 102-07-06 282-06-54 102-07-08 282-06-55

BS 27 00-00-25 180-00-13 00-00-31 180-00-17

TP 28 102-06-41 102-06-41 102-06-37 102-06-38

102-06-39

Dist 28-29 92-49-05 267-10-43 267-10-49 479.19 478.61

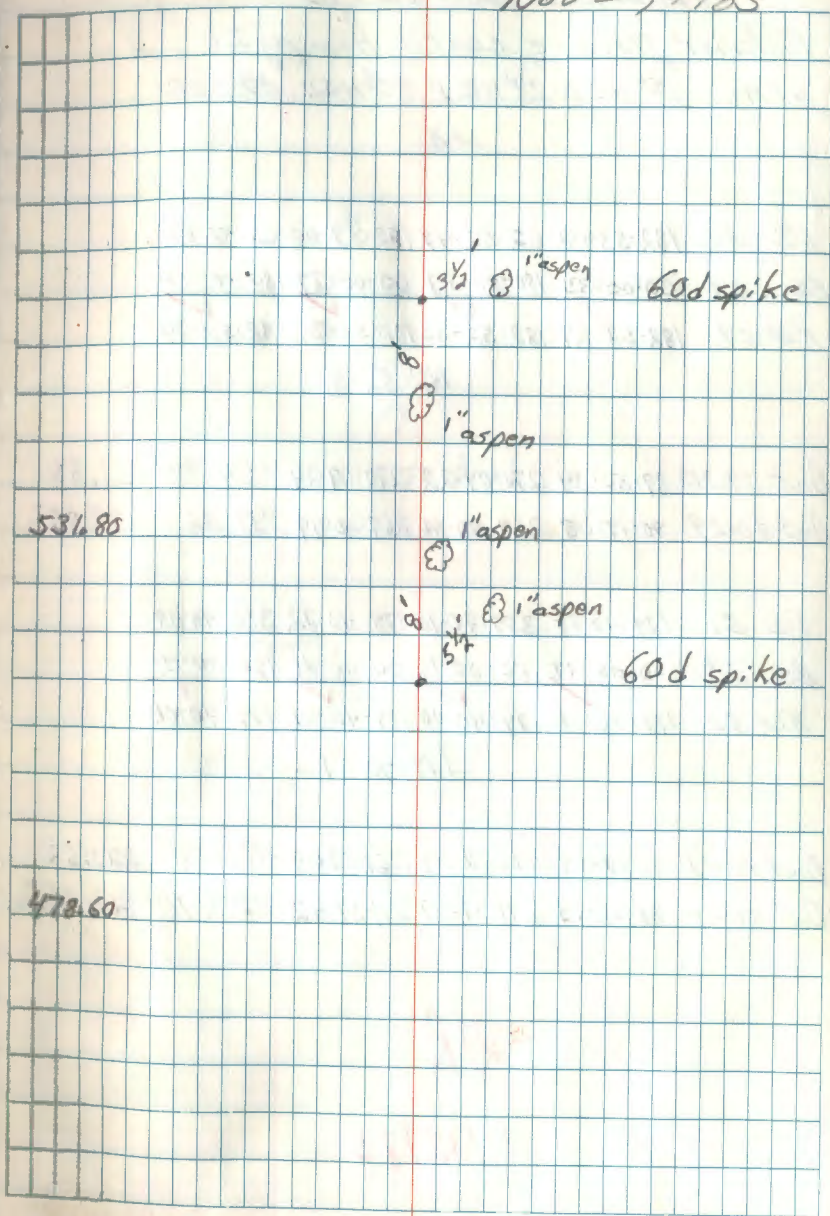
Dist 29-28 87-15-21 272-44-23 272-44-31 479.14 478.59

JR

11/28/83

26

Nov 23, 1983



531.80

478.60



27

T148N R26W Sec 12+13

Exterior traverse cont'd from pg 26

STA 1<sup>st</sup> H&D 2<sup>nd</sup> H&R 3<sup>rd</sup> H&D 4<sup>th</sup> H&R

1+2

FS 30 182-53-02 02-52-47 182-53-00 02-52-48

BS 28 00-00-33 180-00-17 00-00-27 180-00-18

T@ 29 182-52-29 182-52-30 182-52-33 182-52-30

182-52-31

Dist 29-30 89-50-34 270-09-22 270-09-24 231.88 231.88

Dist 30-29 90-19-08 269-40-46 269-40-49 231.86 231.86

FS 31 179-40-18 359-40-10 179-40-22 359-40-09

BS 29 00-00-17 180-00-10 00-00-21 180-00-09

T@ 30 179-40-01 179-40-00 179-40-01 179-40-00

179-40-01

Dist 30-31 91-40-54 268-12-09 268-12-08 220.74 220.63

Dist 31-30 88-22-13 271-37-37 271-37-42 220.70 220.61

JR

11/28/83

27

Nov. 23, 1983

3" maple

8'

60d spike

12'

10" birch

231.87

4" maple

5'

60d spike

6'

16" aspen

16" aspen

220.62



TIABN R26W Sec 12+13

Exterior traverse cont'd from pg 27

STA 1<sup>st</sup> H&D 2<sup>nd</sup> H&R 3<sup>rd</sup> H&D 4<sup>th</sup> H&R

H4

FS 32 184-28-56 04-28-45 184-29-58 04-28-49

BS 30 10-00-28 180-00-08 00-00-21 180-00-15

T@ 31 184-28-28 184-28-37 184-28-34 184-28-34

184-29-33

Dist 31-32 96-11-24 269-41-27 269-48-32 543.45 543.45

Dist 32-31 89-52-53 270-07-18 270-07-13 543.43 543.43

FS 33 180-48-01 00-47-46 180-47-59 00-47-46

BS 31 00-00-35 180-00-28 00-00-36 00-47-49

T@ 32 180-47-26 180-47-18 180-47-23 180-47-18

180-47-21

Dist 32-33 88-34-12 271-25-39 271-25-44 537.86 537.69

Dist 33-32 91-29-44 268-30-09 268-30-13 537.86 537.68

Nov 23, 1983

14" balsam

4 1/2'

i

8"

8" balsam (dead)

543.44

4" balsam

4'

9'

4" ash

537.69



T148N R26W Sec 12 &amp; 13 Sub

Exterior traverse cont'd from pg 28

STA 1<sup>st</sup> H&D 2<sup>nd</sup> H&R 3<sup>rd</sup> H&D 4<sup>th</sup> H&R

H&amp;D

FS 34 182-07-43 02-07-32 182-07-42 02-07-29

BS 32 00-00-20 180-00-04 00-00-15 180-00-05

T@33 182-07-23 182-07-35 182-07-27 182-07-31

182-07-26

Dist 33-34 90-08-56 269-51-05 269-51-05 396.42 396.42

Dist 34-33 89-57-12 270-02-16 270-02-32 396.43 396.43

FS 35 252-23-41 72-23-24 252-23-36 72-23-23

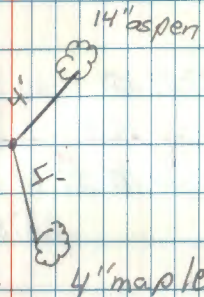
BS 33 00-00-25 180-00-10 00-00-21 180-00-11

T@34 252-23-16 252-23-14 252-23-15 252-23-12

252-23-14

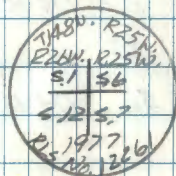
Dist 34-35 88-02-34 271-57-05 271-57-16 289.08 288.91

Dist 35-34 92-04-52 267-54-39 267-54-54 289.13 288.94

JR  
12/1/83

396.43

STA 34 =



Iron pipe w/SC

Nov 29, 1983

Snow, cold

PC T@ G. Kosenko

R. Husk

T-2 S/N 265184

Rec'd-A S/N



T148N R26W Sec 12 + 13 Sub

Exterior traverse cont'd from pg. 29

STA 1<sup>st</sup> H&D 2<sup>nd</sup> H&R 3<sup>rd</sup> H&D 4<sup>th</sup> H&R

H &amp;

FS 36 175-37-29 355-37-20 175-37-31 355-37-18

BS 34 ~~00-00-20~~ ~~180-00-06~~ ~~00-00-15~~ ~~180-00-48~~

T@ 35 175-37-09 175-37-14 175-37-16 175-37-10

175-37-12

Dist 35-36 89-31-49 270-27-46 270-27-59 558.83 558.82

Dist 36-35 90-31-53 269-27-53 269-28-00 558.87 558.85

558.83

FS 37 174-15-38 354-15-26 174-15-24 354-15-28

BS 35 ~~00-00-26~~ ~~180-00-18~~ ~~00-00-27~~ ~~180-00-28~~

T@ 36 174-15-10 174-15-06 174-15-09 174-15-00

174-15-07

Dist 36-37 90-07-00 269-52-52 269-52-56 581.07 581.07

Dist 37-36 89-56-57 270-03-06 270-03-06 581.10 581.10

581.08

JR  
12/1/83



T148N R26W Sec 12 + 13 Sub

Traverse cont'd from pg 30

STA <sup>0</sup>1<sup>st</sup> H&D 2<sup>nd</sup> H&R 3<sup>rd</sup> H&D 4<sup>th</sup> H&R~~H&R~~

FS 38 216-31-50 31-31-37 216-31-49 31-31-44

BS 36 ~~00-00-25~~ ~~180-00-13~~ ~~00-00-27~~ ~~180-00-16~~

T@ 37 216-31-25 216-31-24 216-31-22 216-31-26

216-31-24

Dist 37-38 90-08-33 269-51-16 269-51-22 807.07 807.07

Dist 38-37 89-54-12 270-05-46 270-05-47 807.09 807.09

FS 39 190-~~20~~<sup>20</sup>-05 10-19-51 190-19-~~31~~<sup>31</sup> 10-19-49BS 37 ~~00-00-36~~ ~~180-00-20~~ ~~00-00-25~~ ~~180-00-16~~T@ 38 <sup>190-19</sup>~~189-29-29~~ 190-19-31 190-19-31 190-19-33

190-19-31

Dist 38-39 91-29-48 268-29-57 268-30-05 336.96 336.85

Dist 39-38 88-36-36 271-23-05 271-23-15 336.96 336.86

JR  
12/1/23

807.08

336.85



T148N R26W Sec 12 T13 Sub

Exterior traverse cont'd from pg 31

STA 1<sup>st</sup> H&D 2<sup>nd</sup> H&D 3<sup>rd</sup> H&D 4<sup>th</sup> H&D

+ 4

FS 40 237-18-46 57-18-38 237-18-48 57-18-37

BS 38 00-00-30 180-00-22 00-00-26 180-00-14

T @ 39 237-18-18 237-18-16 237-18-2 237-18-23

237-18-19

Dist 39-40 90-14-29 212-45-14 269-45-23 700.13 700.12

Dist 40-39 89-48-26 270-11-21 270-11-28 700.15 700.15

FS 41 110-54-52 290-54-42 110-54-52 290-54-40

BS 39 00-00-24 180-00-08 00-00-24 180-00-10

T @ 40 110-54-28 110-54-33 110-54-28 110-54-30

110-54-30

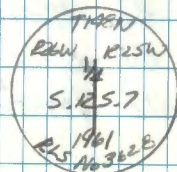
Dist 40-41 88-48-50 271-11-56 271-11-03 547.77 547.65

Dist 41-40 91-15-02 268-44-50 268-44-54 547.80 547.67

JR  
12/1/83

700.13

STA 40 =



Concrete monument w/BL

547.66



T14BN R26W Sec 12 &amp; 13 Sub

Exterior traverse cont'd from pg. 32

STA 1<sup>st</sup> H&D 2<sup>nd</sup> H&R 3<sup>rd</sup> H&D 4<sup>th</sup> H&R

H&amp;R

FS 42 179-49-49 359-49-28 179-49-42 359-49-28

BS 40 00-00-30 180-00-15 00-00-28 180-00-17

T@ 41 179-49-19 359-49-13 179-49-16 179-49-11

179-49-15

Dist 41-42 90-05-01 269-54-42 269-54-51 1472.80 1472.80

Dist 42-41 89-56-34 270-03-08 270-03-17 1472.82 1472.82

FS 43 179-51-46 359-51-35 179-51-45 359-51-32

BS 41 00-00-28 180-00-20 00-00-26 180-00-24

T@ 42 179-51-18 179-51-15 179-51-19 179-51-08

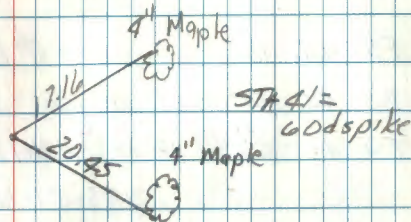
179-51-15

Dist 42-43 90-26-00 269-33-38 269-33-49 626.57 626.55

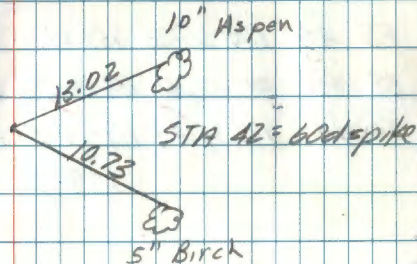
Dist 43-42 89-37-14 270-22-31 270-22-39 626.59 626.58

DR

12/1/83



1472.81



626.56

Nov 30, 1983

snow, cold

PCATT G. Kosenko

TD G. Robertson

TD B. Husk



T148N R20W Sec 12+13 Sub

Exterior traverse cont'd from pg 33

STA 1<sup>st</sup> H&D 2<sup>nd</sup> H&R 3<sup>rd</sup> H&D 4<sup>th</sup> H&R

H&amp;R

FS 44 183-02-20 03-02-09 183-02-18 03-02-19

BS 42 00-00-38 180-00-25 00-00-37 180-00-30

T@ 43 183-01-42 183-01-44 183-01-41 183-01-43

183-01-43 ✓

Dist 43-44 90-29-03 269-30-48 90-29-08 411.24 411.23

Dist 44-48 89-36-04 270-23-45 89-36-10 411.26 411.25

FS 45 179-35-35 359-35-26 179-35-35 359-35-32

BS 43 00-00-40 180-00-35 10-00-47 180-00-32

T@ 44 179-34-43 179-34-51 179-34-48 179-34-49

179-34-48 ✓

Dist 44-45 93-55-27 266-46-38 93-53-24 166.07 165.69

Dist 45-44 86-19-10 273-39-45 86-19-42 166.06 165.72

CK WA

12-19-83

Nov. 30, 1983

STA 43 = SE Sec Cor.

Sec 12. Corner under  
frozen road. Pulled ties  
from BT's and set a

411.24

3" Aspen

6" d spike @ point for  
corner

7.98

STA 44 =



10" Birch

6" d spike

165.705



35 T148N R26W Sec 12 & 13 Sub

Cont'd from Pg. 34

STA 1<sup>st</sup> HAR 2<sup>nd</sup> HAR 3<sup>rd</sup> HAR 4<sup>th</sup> HAR  
H&

FS 46	179-37-4 <sup>20</sup>	359-37-16	179-37-24 <sup>24</sup>	359-37-20 <sup>21</sup>
BS 44	00-00-19 <sup>23</sup>	180-00-10	00-00-17 <sup>3</sup>	180-00-09 <sup>12</sup>
IT@ 45	179-36-52 <sup>57</sup>	179-37-06	179-36-54 <sup>3</sup>	179-37-15 <sup>12</sup>

Dist 45-46 90-12-32 269-47-26 90-12-33 748.58 748.58

Dist 46-45 87-50-23 270-09-20 89-50-31 748.59 748.58

FS 47<sup>46</sup> 179-37-25 359-37-13 179-37-23 359-37-13

BS 45<sup>44</sup> 00-00-33 180-00-13 00-00-19 180-00-11

IT@ 46<sup>45</sup> 179-36-52 179-37-00 179-37-04 179-37-02

179-37-00 ✓

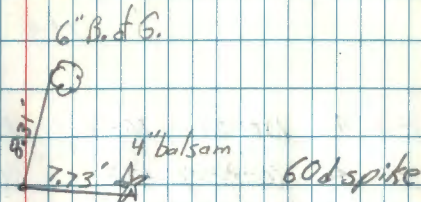
Dist 46-47

Dist 47-46

CK WA

12-19-83

Nov 30, 1983



748.58



T148N R26W Sec 12+13 Sub

Cont'd from pg 35

STA 1<sup>st</sup> HAR 2<sup>nd</sup> HAR 3<sup>rd</sup> HAR 4<sup>th</sup> HAR

H#

FS 47 180-08-94 180-08-31 180-08-30 180-08-12

RS 45 00-00-38 <sup>180-00-20</sup> 00-00-20 11-08-21

T@ 46 180-08-02 180-08-11 180-08-10 180-08-09

180-08-08 ✓

Dist 46-47 90-03-30 269-56-21 90-03-34 903.66 903.66

Dist 47-46 89-58-53 <sup>00-48</sup> 270-04-23 89-59-03 903.68 903.68

FS 48 180-24-54 00-24-47 180-24-58 180-24-48

RS 46 00-00-26 180-00-23 00-00-29 180-00-22

T@ 47 180-24-28 180-24-24 180-24-29 180-24-26

180-24-27 ✓

Dist 47-46 89-05-08 270-54-41 89-05-14 422.00 421.95

Dist 46-47 91-00-00 268-59-44 91-00-08 422.03 421.97

CK WA

12-19-83

Nov. 30, 1983

STA 46 =

S13 S.18

P 1961  
RS No. 2628

Iron pipe w/BC

903.67

10" Spruce



STA 47 = 60 d spike

421.96

6" Spruce



T148N R26W Sec 12 1/3 Sub

Cont'd from pg 36

STA 1<sup>st</sup> H&D 2<sup>nd</sup> H&R 3<sup>rd</sup> H&D 4<sup>th</sup> H&R

H4

FS 49 179-52-07 359-51-59 179-52-10 359-52-02

BS 47 00-00-30 180-00-20 00-00-26 180-00-23

TQ 48 179-51-37 179-51-39 179-51-44 179-51-39

179-51-40

Dist 48-49 90-52-47 269-07-01 90-52-53 807.15 807.05

Dist 49-48 89-09-41 270-09-49 89-09-56 807.16 807.07

FS 50 179-11-56 359-11-43 179-11-55 359-11-45

BS 48 00-00-25 180-00-16 00-00-24 180-00-18

TQ 49 179-11-31 179-11-27 179-11-31 179-11-37

179-11-32

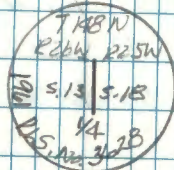
Dist 49-50 89-38-40 270-21-12 89-38-44 368.26 368.25

Dist 50-49 90-27-18 269-32-27 90-27-26 368.29 368.28

CKWA

12-19-83

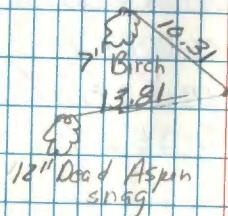
Nov. 30, 1983



STA 48 =

Iron pipe w/PL

807.06



STA 49 = 60d spike

368.265







TI48N R26W Sec 12+13 Sub

Exterior traverse, cont'd from pg.

STA 1<sup>st</sup> H&D 2<sup>nd</sup> H&D 3<sup>rd</sup> H&D 4<sup>th</sup> H&D

H&amp;D

FS 53 281-49-17 101-49-04 281-49-14 101-49-01

BS 51 00-00-27 180-00-13 00-00-23 180-00-11

T@ 52 281-48-50 281-48-51 281-48-51 281-48-50

281-48-51

Dist 52-53 89-42-12 270-17-30 87-42-21 608.13 608.12

Dist 53-52 90-21-12 269-38-35 90-21-18 608.12 608.11

FS 54 180-00-26 00-00-17 180-00-22 00-00-16

BS 52 00-00-38 180-00-29 00-00-37 180-00-28

T@ 53 179-59-48 179-59-48 179-59-48 179-59-48

179-59-47

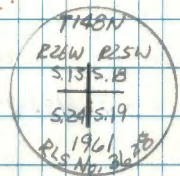
Dist 53-54 89-37-53 270-21-46 89-38-04 680.52 680.51

Dist 54-53 90-25-13 269-34-35 90-25-19 680.50 680.48

CK W/A

12-17-83

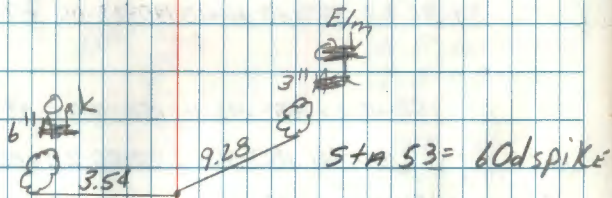
Dec 1, 1983



STA 52 =

Iron pipe w/BC

608.115



680.495



T148N R26W Sec 12+13 Sub

Exterior traverse cont'd from pg 39

STA 1<sup>st</sup> H&D 2<sup>nd</sup> H&R 3<sup>rd</sup> H&D 4<sup>th</sup> H&R

H&amp;R

FS 55 182-27-56 02-27-50 182-28-07 02-28-04

BS 53 00-00-27 180-00-29 00-00-42 180-00-38

T@ 54 182-27-29 182-27-21 182-27-25 182-27-26

182-27-25

OK WA 12-19-83

				26	677.25
Dist 54-55	89-39-03	270-20-42	89-39-10	677.22	577.34
				31	677.27
Dist 55-54	90-22-45	269-36-46	90-23-00	677.27	577.35

FS 56 158-46-27 238-46-16 158-46-26 238-46-17

BS 54 00-00-24 180-00-13 00-00-23 180-00-11

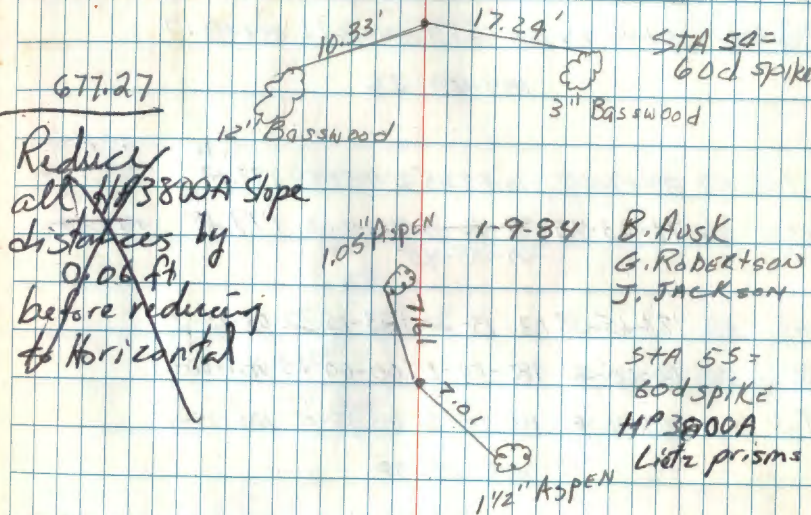
T@ 55 158-46-03 158-46-03 158-46-03 158-46-06

158-46-04

				43	522.30
Dist 55-56	91-17-48	268-41-44	268-41-59	522.49	522.36
				43	522.31
Dist 56-55	88-46-03	271-13-51	271-13-54	522.49	522.37

JP 1-9-84

Dec. 1, 1983





41 TIARN R26W Sec 12-13 Sub

Exterior traverse cont'd from pg 40

STA 1<sup>st</sup> AD 2<sup>nd</sup> HR 30<sup>th</sup> AD 4<sup>th</sup> HR

H 4

Fs 57 184-48-47 04-48-40 184-48-49 04-48-43

BS 55 00-00-24 180-00-11 00-00-23 180-00-16

T@ 56 184-48-23 184-48-29 184-48-26 184-48-27

184-48-26

Dist 56-57 89-07-05 270-52-45 270-52-50 199.11 199.09

Dist 57-56 91-03-45 89-46-27 91-04-00 199.12 199.15  
269-55-45 199.09 199.15

Fs 58 183-15-38 03-15-26 183-15-32 03-15-24

BS 56 00-00-35 180-00-15 00-00-25 180-00-14

T@ 57 183-15-03 183-15-11 183-15-07 183-15-10

183-15-08

Dist 57-58 89-46-31 270-13-11 89-46-40 275.44 275.44  
275.50 275.50

Dist 58-57 70-21-06 269-38-53 70-21-07 275.50 275.50  
275.43 275.50

CKWA 1-12-84

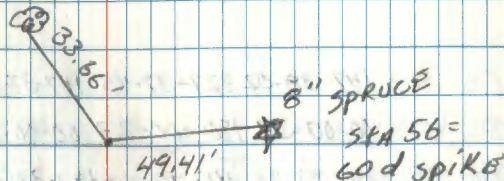
41

1-9-84

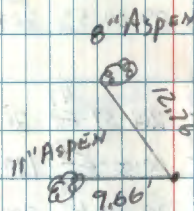
Wild + 2 S/N 265184 DITR PC B. AUSK

AP 3800A S/N 1225A02815 G. ROBERTSON

LEITZ PRIZMS 9" ASPEN J. JACKSON



199.09



STA 57 = 60d spike

275.44



T148N R26W Sec 12013 Sub

Exterior traverse cont'd from pg 41

STA 1<sup>st</sup> H& D 2<sup>nd</sup> H& R 3<sup>rd</sup> H& D 4<sup>th</sup> H& R

H4

FS 59 147-38-02<sup>37</sup> 327-37-45 147-37-58 327-27-43

BS 57 10-00-37 180-00-23 60-00-33 180-00-22

T@ 58 147-37-25 147-37-22 147-37-20<sup>35</sup> 147-37-21

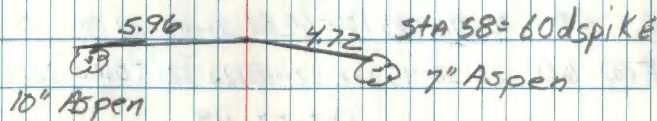
147-37-23

Dist 58-59 90-38-42 269-20-56 90-38-53 ~~227.05~~ 226.99 226.98Dist 59-58 89-30-46 270-29-00 89-30-53 ~~227.09~~ 226.98 226.97 227.03 226.98FS 60 206-59-47<sup>39</sup> 26-59-44<sup>40</sup> 206-57-52<sup>47</sup> 26-59-27<sup>32</sup>BS 58 10-00-25<sup>15</sup> 180-00-18<sup>03</sup> 00-00-05<sup>07</sup> 180-00-20<sup>02</sup>T@ 59 206-59-39<sup>32</sup> 206-59-26<sup>28</sup> 206-59-47<sup>40</sup> 206-59-47<sup>30</sup>206-59-32<sup>27</sup>

Dist 59-60 90-07-18 269-52-28 90-07-25 148.96 148.96

Dist 60-59 90-07-11 269-52-30 90-07-21 148.95 148.95 148.95 148.95 148.95

CKWA 1-12-84

~~227.03~~

226.98

6" ASPEN

①

19.43

18.67

②

STA 59 = 60d SPIKE

14" ASPEN

~~148.97~~

148.95



T 148N R26W 12+13 Sub.

EXTERIOR TRAVERSE cont from Pg 42

STA 1<sup>st</sup> H&D 2<sup>nd</sup> H&R 3<sup>rd</sup> H&D 4<sup>th</sup> H&R

H &amp;

FS 61 122-33-18 302-33-09 122-33-17 302-33-07

BS 59 10-00-33 180-00-21 00-00-27 180-00-16

T@ 60 122-32-45 122-32-48 122-32-50 122-32-51

122-32-49

DST 60-61 89-36-54 270-22-46 89-37-04 128.37 128.37

DST 61-60 80-39-55 269-19-39 90-40-08 128.38 128.37

FS 62 214-25-10 268-54-06 214-25-20 31-25-10

BS 60 00-00-28 180-00-22 00-00-32 180-00-17

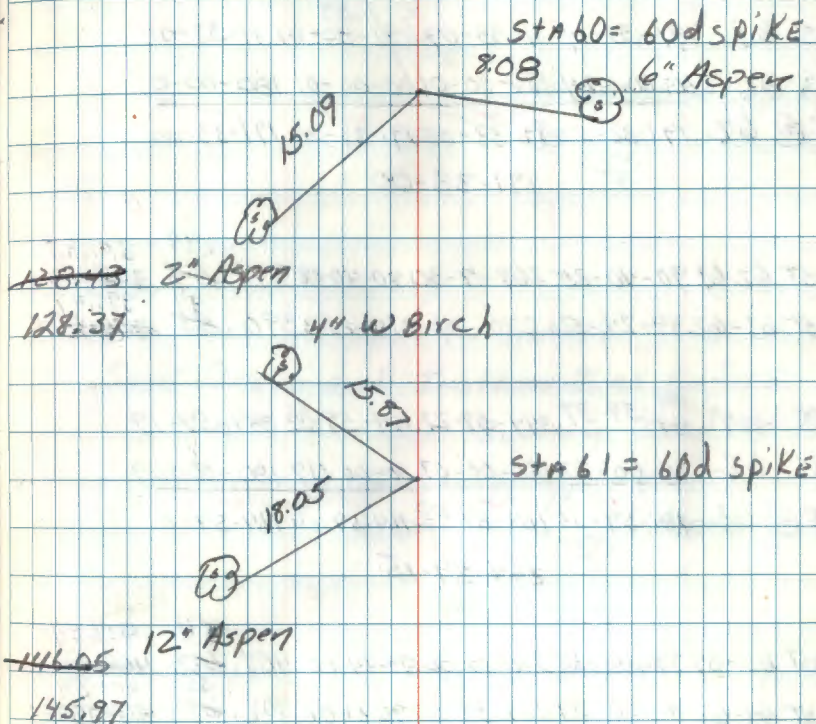
214-24-48 214-24-49 214-24-45 214-24-51

214-24-49

DST 61-62 91-05-39 269-57-06 91-45-07 146.02 145.75

DST 62-61 89-09-03 270-50-45 89-09-09 146.01 145.99

CK WA 1-12-84





T148N R26W 12213 Sub.

EXTENSIVE TRAVERSE Cont. from Pg 43

STA 1<sup>st</sup> H&D 2<sup>nd</sup> H&R 3<sup>rd</sup> H&D 4<sup>th</sup> H&R  
H&FS 63 191-33-14 11-33-09 191-~~30~~<sup>33</sup>-01 11-33-04

BS 61 00-00-24 180-00-01 10-00-01 180-00-04

T@ 62 191-32-50 191-33-08 191-33-00 191-33-00  
191-33-00

DIST 62-63	90-40-25	269-19-30	90-40-22	390.54	390.45
				<del>390.52</del>	<del>390.51</del>
DIST 63-62	89-24-56	276-34-31	89-25-13	390.55	390.47
				<del>390.53</del>	<del>390.55</del>

FS 64 ~~164~~<sup>164</sup>-59-37 344-59-27 164-59-~~33~~<sup>33</sup> 344-59-19

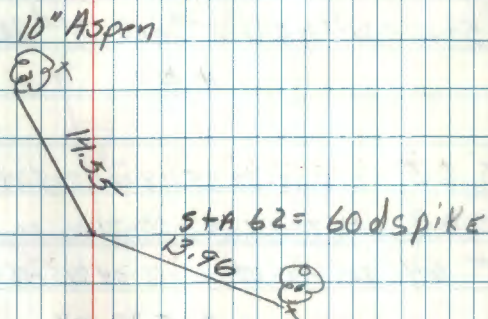
BS 62 00-00-22 180-00-07 10-00-19 180-00-09

T@ 63 164-59-15 164-59-~~20~~<sup>20</sup> 164-59-14 164-59-10  
164-59-15

DIST 63-64	89-44-15	276-15-36	89-44-20	408.60	408.54
				<del>408.60</del>	<del>408.60</del>
DIST 64-63	90-20-54	269-38-50	90-21-02	408.61	408.54
				<del>408.60</del>	<del>408.60</del>

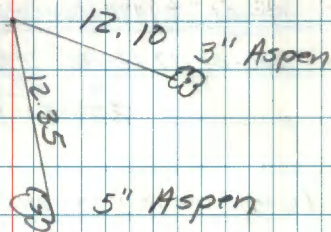
CK WA 1-12-84

1-9-84



~~390.52~~  
390.46

1-10-84

SAME CREW AND INSTRUMENTS AS BEFORE  
SUNNY COLD -20°F

~~408.60~~  
408.54



45

T148N R26 W 12+13 Sub.

EXTERIOR TRVERSE Cont. from Pg 44

STA 1<sup>st</sup> H&D 2<sup>nd</sup> H&R 3<sup>rd</sup> H&D 4<sup>th</sup> H&R

H A

FS 65 215-18-38 35-18-25 215-18-37 35-18-32

BS 63 00-00-30 180-00-21 00-00-35 180-00-23

T 64 215-18-08 215-18-04 215-18-02 215-18-09

215-18-06

DIST 64-63 <sup>65</sup> 90-01-10 269-59-38 90-00-46 1108.55 <sup>49</sup> 1108.49DIST 64-65 <sup>65-01</sup> 90-00-57 269-58-53 90-01-02 1108.55 <sup>49</sup> 1108.49

FS 66 206-01-44 26-01-19 206-01-44 26-01-12

BS 64 00-00-27 180-00-08 00-00-30 180-00-08

T @ 65 206-01-17 206-01-11 206-01-11 206-01-04

206-01-11

DIST 65-66 89-30-70 270-24-55 <sup>89-30-53</sup> 272.11 <sup>.05</sup> 272.04DIST 66-65 90-37-21 269-22-34 <sup>90-37-21</sup> 272.11 <sup>.05</sup> 272.04

CK WA 1-12-84

1-10-84 45

2" Aspen

2" Aspen

10.31

15.66

STA 64 = 60d spike

~~1108.55~~

1108.49

STA 65 =

T148N R26 W
14 13
23 24
46

P.L.S. No. 3628

~~272.10~~

272.04



46

T148A R21W 12+13 Sub.

EXTERIOR TRAVERSE Cont. from Pg 45

STA 1<sup>st</sup> H&D 2<sup>nd</sup> H&R 3<sup>rd</sup> H&D 4<sup>th</sup> H&R  
H4

FS 67 ~~188-57-22~~ <sup>38</sup> 318-57-06 138-57-13 318-57-03

BS 65 ~~00-00-28~~ 180-00-05 00-00-25 180-00-09

TA @ 66 ~~138-56-54~~ 138-57-01 138-56-~~54~~ <sup>48</sup> 138-56-54  
138-56-54

DIST 66-67 89-23-18 270-36-10 89-23-19 259.71 ~~259.70~~ <sup>65</sup> 259.64

DIST 67-66 90-45-10 269-14-37 90-45-17 259.72 ~~259.69~~ <sup>66</sup> 259.64

FS 68 197-43-16 17-43-01 197-43-18 17-43-01

BS 66 ~~00-00-27~~ 180-00-20 00-00-27 180-00-21

TA @ 67 197-42-49 197-42-~~59~~ <sup>41</sup> 197-42-51 197-42-40  
197-42-45

DIST 67-68 90-01-16 269-58-41 90-01-17 187.46 ~~187.48~~ <sup>42</sup> 187.42

DIST 68-67 90-10-16 269-49-25 90-10-26 187.48 ~~187.48~~ <sup>42</sup> 187.42

CK WA 1-12-84

1-10-84 46

5" Aspen

25.18

15.74

7" Spruce

STA 66 = 60d spike

~~259.70~~

259.64

STA 67 = 60d spike

28.64

13.99

12" Aspen

~~187.48~~

187.42 10" Basswood



T 148 N R26 W 12 &amp; 13 Sub.

EXTERIOR TRAVERSE Cont from Pg 46

STA 1<sup>st</sup> H&D 2<sup>nd</sup> H&R 3<sup>rd</sup> H&D 4<sup>th</sup> H&R

H4

FS 69 176-08-44 356-08-30 <sup>176-08-37</sup> 356-08-24

BS 67 00-00-26 190-00-14 00-00-20 190-00-00

T @ 68 176-08-18 176-08-16 176-08-17 176-08-24

176-08-19

			669.98	669.97
DIST 68-69	90-19-02	269-40-53	90-19-04	<del>670.04</del> 670.03
			669.98	669.97

DIST 69-68	89-44-06	270-15-46	89-44-10	<del>670.04</del> 670.03
------------	----------	-----------	----------	--------------------------

FS 70 266-19-42 86-19-32 266-19-47 86-19-34

BS 68 00-00-33 170-00-26 00-00-37 170-00-23

T 69 266-19-09 266-19-06 266-19-10 266-19-11

266-19-09

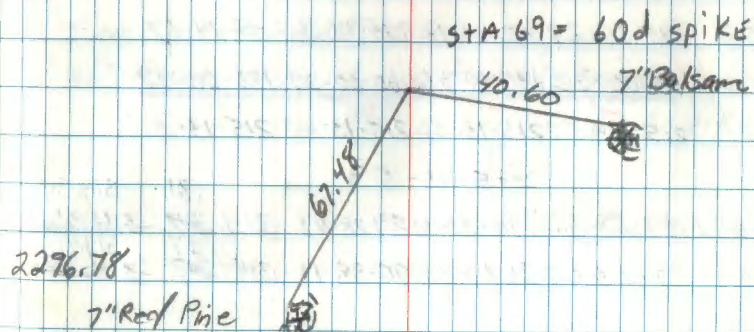
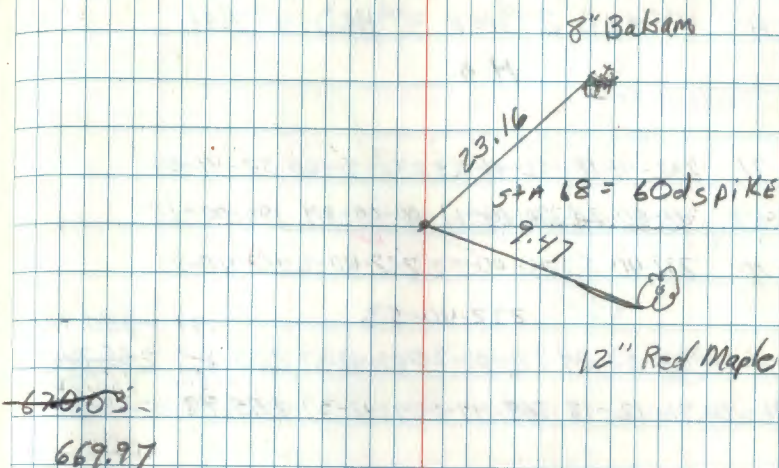
			.80	2296.78
DIST 69-70	89-46-09	270-13-50	89-46-10	<del>2296.84</del> 2296.84
			.18	2296.78

DIST 70-69	90-02-37	269-57-17	90-02-40	<del>2296.84</del> 2296.84
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CK WA 1-12-84

1-10-84

47





48

T 148 N R26W 12 &amp; 13 Sub.

EXTERIOR TRAVERSE Cont. From Pg 47

STA 1<sup>st</sup> H&D 2<sup>nd</sup> H&R 3<sup>rd</sup> H&D 4<sup>th</sup> H&R

H &amp;

FS 71 232-41-18 52-41-03 232-41-20 52-41-06

BS 69 00-00-24 190-00-11 00-00-24 190-00-18

X@ 70 232-40-54 232-40-52 232-40-56 232-40-48

232-40-53

.77 255.72

Dist 70-71 88-52-34 271-07-20 88-52-37 255.83 ~~255.78~~Dist 71-70 91-12-18 268-47-04 91-12-37 255.88 ~~255.82~~

FS 72 215-14-29 35-14-18 215-14-30 35-14-17

BS 70 00-00-32 180-00-26 00-00-37 180-00-27

X@ 71 215-13-57 215-13-52 215-13-53 215-13-58

215-13-53

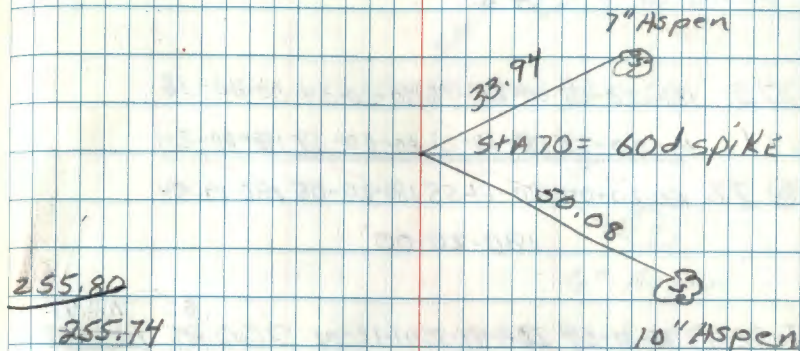
.31 314.30

Dist 71-72 89-29-32 270-31-10 89-28-41 314.39 ~~314.36~~Dist 72-71 90-38-00 269-21-37 90-38-11 314.39 ~~314.37~~

CK WA 1-12-84

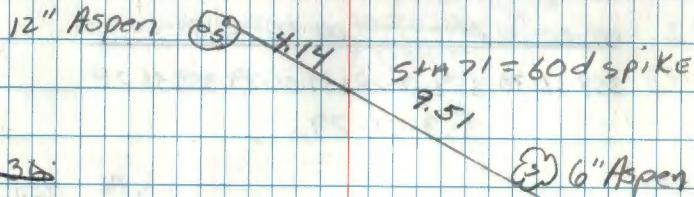
48

1-10-84



1-11-8384 -5° F

SAME CREW AND INSTRUMENTS

~~314.30~~  
314.30



THORN K26W 12.13 Sub.

EXTERIOR TRAVERSE Cont from Pg 48

STA 1<sup>st</sup> H&D 2<sup>nd</sup> H&R 3<sup>rd</sup> H&D 4<sup>th</sup> H&R

H &amp;

FS 73 180-20-32 00-20-16 180-20-34 00-20-18

BS 71 10-00-28 180-10-21 00-00-29 180-10-24

T@ 72 180-20-04 180-19-55 180-20-05 180-19-54

180-20-00

DIST 72-73 91-11-59 268-47-30 91-12-14 760.<sup>.65</sup> 760.48DIST 73-72 88-50-33 271-09-59 88-50-47 760.<sup>.64</sup> 760.54

760.55

FS 74 359-57-01 179-56-51 359-57-04 179-56-48

BS 72 10-00-31 271-09-04 00-00-35 180-00-20

T@ 73 359-56-30 359-56-28 359-56-29 359-56-28

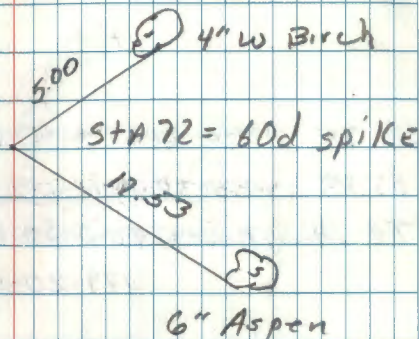
359-56-29

DIST 73-74 79-51-38 271-09-01 88-51-49 755.<sup>.56</sup> 755.41DIST 74-73 91-11-10 268-48-34 71-11-18 755.<sup>.58</sup> 755.42

755.48

OK WA 1-13-84

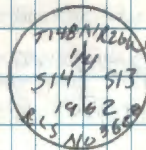
1-11-84



760.54

760.48

STA 73 =



755.47

755.41



T148N R26W 12+13 Sub.

EXTERIOR TRAVERSE Cont. From Pg 49

STA 1<sup>st</sup> H&D 2<sup>nd</sup> H&R 3<sup>rd</sup> H&D 4<sup>th</sup> H&R

H &amp;

FSR 75 179-21-20 359-21-07 179-21-18 359-21-08

BS 73 60-00-34 180-00-17 00-00-32 180-00-20

T@ 74 179-20-46 179-20-50 179-20-46 179-20-48

179-20-48

74 to 75 90-33-58 269-25-53 90-34-03 321.61 ~~321.65~~75 to 74 89-32-48 ~~268~~ 270-26-54 89-32-57 321.60 ~~321.65~~

321.59

FS 76 145-30-55 325-30-39 145-30-55 325-30-43

BS 74 10-00-25 180-00-14 00-00-24 180-00-18

T@ 75 145-30-30 145-30-25 145-30-31 145-30-25

145-30-28

Dist 75-76 91-13-37 268-48-28 91-12-34 251.94 251.88

Dist 76-75 88-54-56 271-04-54 88-55-01 252.00 251.94

251.94

251.88

CK WA 1-13-84

Jan 11, 1984

4" Birch

423

12" Aspen

1730

STA 74 = 60d spike

~~321.65~~

321.59

STA 75 = 60d spike

9.06

6" Aspen

21.03

~~251.95~~

251.88

5" Balsam



7148N R26W 12+13 Sub

EXTERIOR TRAVERSE CONT. from Pg 50

STA 1<sup>st</sup> H&D 2<sup>nd</sup> H&R 3<sup>rd</sup> H&D 4<sup>th</sup> H&R  
H &

FS 77 307-06-50 127-06-48 307-06-50 127-06-37

BS 75 80-00-29 180-00-12 00-00-26 180-00-09

T @ 76 307-06-21 307-06-31 307-06-24 307-06-28

307-06-26

Dist 76-77 88-36-24 271-23-18 88-36-33 1556.<sup>46</sup>~~51~~Dist 77-76 91-24-56 268-34-27 91-25-15 1556.<sup>48</sup>~~51~~

FS 78 182-05-31 02-05-19 182-05-33 02-05-18

BS 76 80-00-29 180-00-23 00-00-33 180-00-24

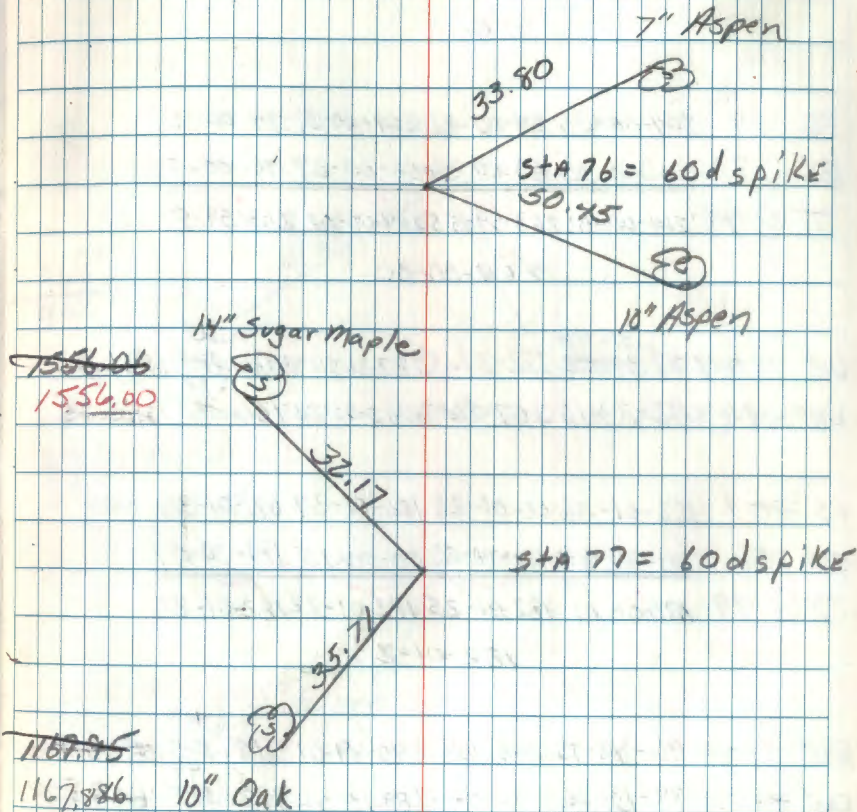
T 77 182-05-02 182-04-56 182-05-00 182-04-54

182-04-58

Dist 77-78 90-56-35 269-03-11 90-56-42 1167.<sup>04</sup>~~94~~Dist 78-77 89-05-07 270-54-31 89-05-16 1167.<sup>04</sup>~~95~~

CKWA 1-19-84

1-11-84





T 148N R26W 12+13 sub

EXTERIOR TRAVERSE Cont. from Pg 51

STA 1<sup>st</sup> H&D 2<sup>nd</sup> H&R 3<sup>rd</sup> H&D 4<sup>th</sup> H&R  
H&R

FS 79 264-00-33 84-00-21 264-00-31 84-00-21

BS 77 00-00-30 180-00 2600-00-29 180-00-22

T @ 78 264-00-03 263-59-55 264-00-02 263-59-59

264-00-00

DIST 78 to 79 <sup>31-46</sup> 87-37-02 272-27-53 87-31-57 <sup>.28</sup> 466.34 465.91DIST 79 to 78 <sup>32</sup> 92-33-16 267-26-20 92-33-28 466.38 465.92

FS 80 182-01-36 02-01-28 182-01-37 02-01-30

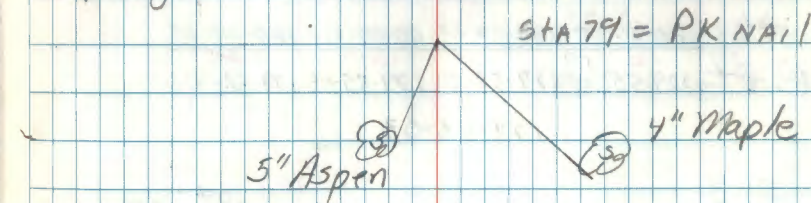
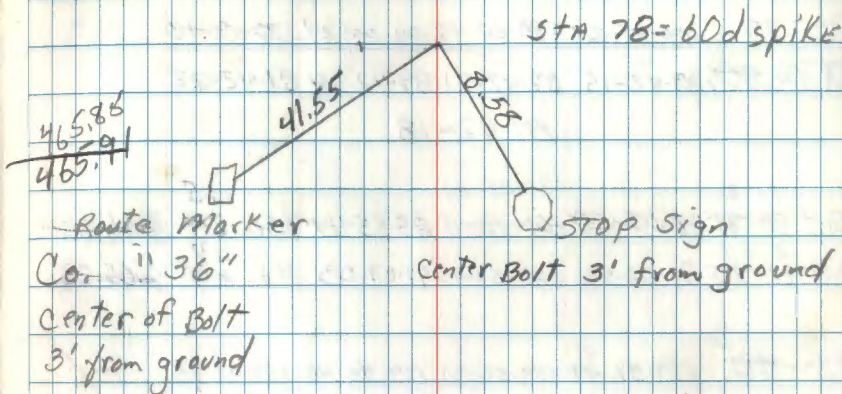
BS 78 00-00-27 180-00-03 00-00-15 180-00-04

T @ 79 182-01-17 182-01-25 182-01-22 182-01-26

182-01-23

DIST 79 to 80 <sup>49</sup> 90-48-13 269-10-70 90-49-01 848.55 848.46DIST 80 to 79 <sup>49</sup> 89-13-26 270-46-14 89-13-36 848.55 848.47~~CK WA 1-13-84~~

1-11-84

~~848.47~~

848.41



T148 N R 26 W 12 &amp; 13 Sub

EXTERIOR TRAVERSE CONT. FROM Pg. 52

STA 1<sup>st</sup> H&D 2<sup>nd</sup> H&R 3<sup>rd</sup> H&D 4<sup>th</sup> H&R

H &amp;

2

FS 87 89-42-40 269-42-38 89-42-38 269-42-35

BS 79 00-00-25 180-00-17 00-00-24 180-00-13

T @ 80 89-42-15 89-42-21 89-42-14 89-42-22

89-42-18

1-2

271-04-01

.15

Dist. 80-81 88-55-29 269-42-38 88-55-44 806.21 ~~806.07~~

2-1

Dist 81-80 91-06-50 268-52-45 91-07-03 806.18 ~~806.09~~

3

FS 82 179-56-39 359-56-31 179-56-40 359-56-28

BS 80 1 00-00-24 180-00-21 00-00-41 180-00-23

T @ 81 179-55-75 179-56-10 179-55-59 179-56-05

179-56-03

2-3

Dist 81-82 91-40-54 268-18-31 91-41-12 786.15 ~~785.94~~

Dist 82-81

CK WA 1-13-84

1-12-84

Temp. 50°F PC T T P. A. US K

J. JACKSON

G. Shultz

SAME INSTRUMENTS AS BEFORE

SEC. COR. 11, 12, 13, 14

STA 1 = 60 d SPIKE

PAGE 11 THIS BOOK

IN TA

~~806.08~~

906.02

STA 2 = 60 d SPIKE

PAGE 14 THIS BOOK

485.879

PAGE 11 THIS BOOK



54

T14BN R26W 12+13 Sub.

EXTERIOR TRAVERSE Cont. from Pg 53

STA 1<sup>st</sup> H&D 2<sup>nd</sup> H&D 3<sup>rd</sup> H&D 4<sup>th</sup> H&D

H&amp;D

FS 100 181-00-18 01-00-08 181-00-13 01-00-04

BS 79 00-00-28 180-00-16 00-00-23 180-00-10

T@ 1 180-59-50 180-59-52 180-59-50 180-59-54

180-59-52

Dist. 1-100 89-55-38 270-04-07 89-55-46 926.<sup>58</sup>~~64~~ 926.64Dist. 100-1 90-06-27 269-53-05 90-06-41 926.<sup>59</sup>~~65~~ 926.68

FS 101 178-36-41 358-36-31 178-36-46 358-35-35

BS 1 00-00-25 280-00-14 00-00-25 179-59-15

T@ 100 178-36-16 178-36-17 178-36-21 178-36-23

178-36-19

Dist 100-101 90-53-57 269-05-44 90-54-07 1700.<sup>43</sup>~~38~~Dist 101-100 ~~89-07-13~~ 89-07-20 270-52-32 89-07-21 1700.<sup>41</sup>~~27~~

CKWA 1-13-84

54  
1-12-84

Sec 11, 12, 13, 14

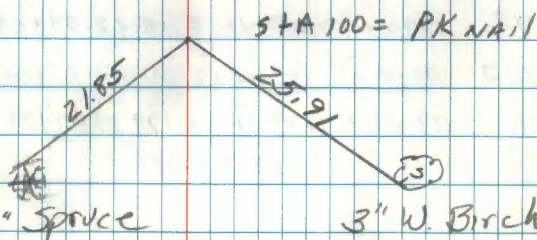
Pg 11 this Book

60 d spikes

in FAR

~~926.64~~

926.58





55

T14BN R26W 12+13 Sub.

EXTERIOR TRAVERSE Cont. From Pg 54

STA 1<sup>st</sup> H&D 2<sup>nd</sup> H&R 3<sup>rd</sup> H&D 4<sup>th</sup> H&R

H&amp;R

~~179-23-19 359-23-04 180-01-25~~~~FS 102 179-22-44 359-22-44~~~~BS 100 00-00-32 180-01-18  
0000-35 270-52-32~~

T @ 101

~~43 89-07-14 270-16-17~~~~89-43-13~~~~DIST 101-702 89-43-09 270-16-17 89-43-28 2667.64 2667.61~~~~DIST 101-101 90-17-35 269-42-08 90-17-44 2667.69 2667.60~~

43

FS 43 179-22-12 359-21-58 179-22-09 359-22-27

BS 100 00-00-25 180-00-12 00-00-22 180-01-51

T @ 101 179-21-47 179-21-46 179-21-47 179-21-34

179-21-46

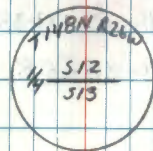
CK WA 1-13-84

1-12-84<sup>55</sup>

2667.61

2667.55

STA 101 =





56

7140 N R26 W 12 R13 Sub

EXTERIOR TRAVERSE Cont. From Pg 55

STA 1<sup>st</sup> H&D 2<sup>nd</sup> H&R 3<sup>rd</sup> H&D 4<sup>th</sup> H&R  
H &

FS 42 90-38-02<sup>5</sup> 220-37-50 90-38-01<sup>5</sup> 220-37-51

BS 101 00-00-38 180-00-23 00-00-35 180-00-22

π @ 43 90-37-24 90-37-27 90-37-26 90-37-29  
90-37-27

FS 44 273-39-32<sup>0</sup> 93-39-25 273-39-37 93-39-25

BS 101 00-00-35 180-00-26 00-00-38 180-00-29

π @ 43 273-38-57 273-38-59 273-38-59 273-38-56  
273-38-58

C/K WA 1-13-84

56

1-12-84

SEC COR

STA 43 = 60d spike

REFER to Pg 34 this Book

Closing \* To SEC 12 East Side

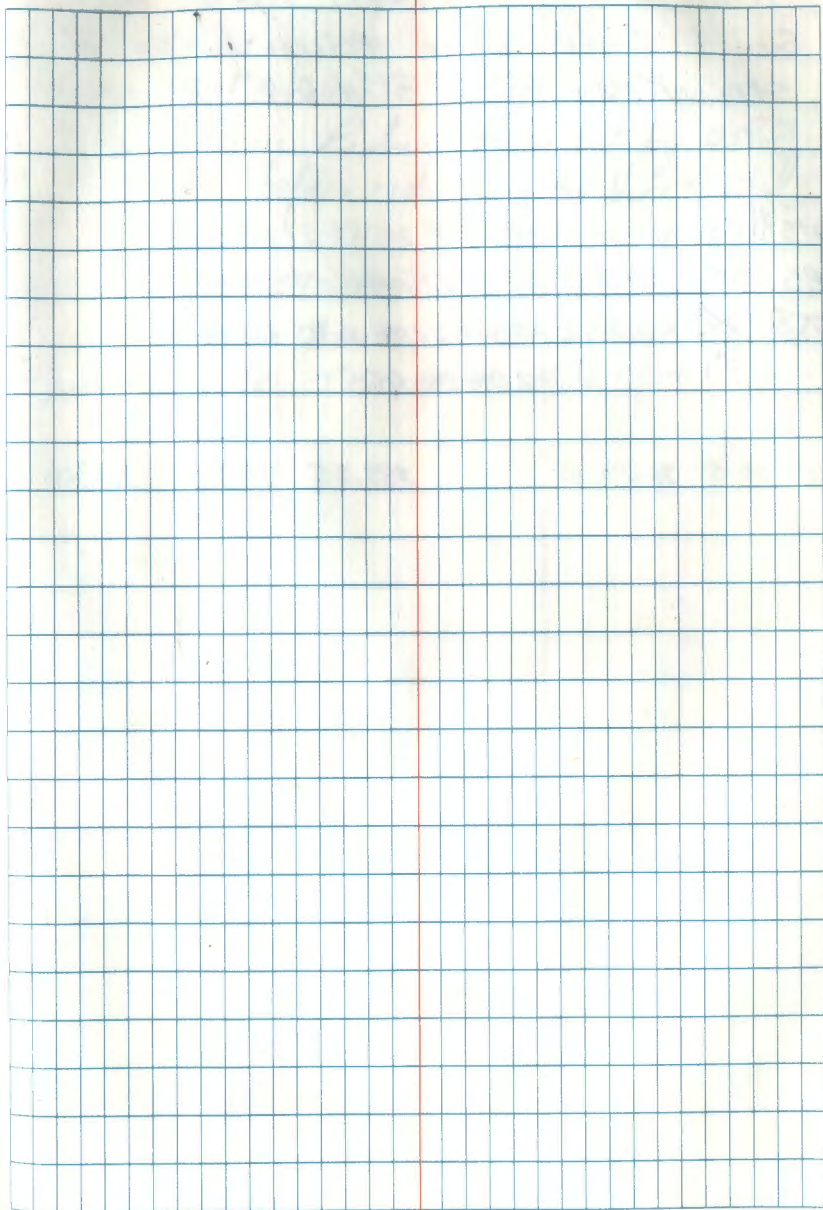
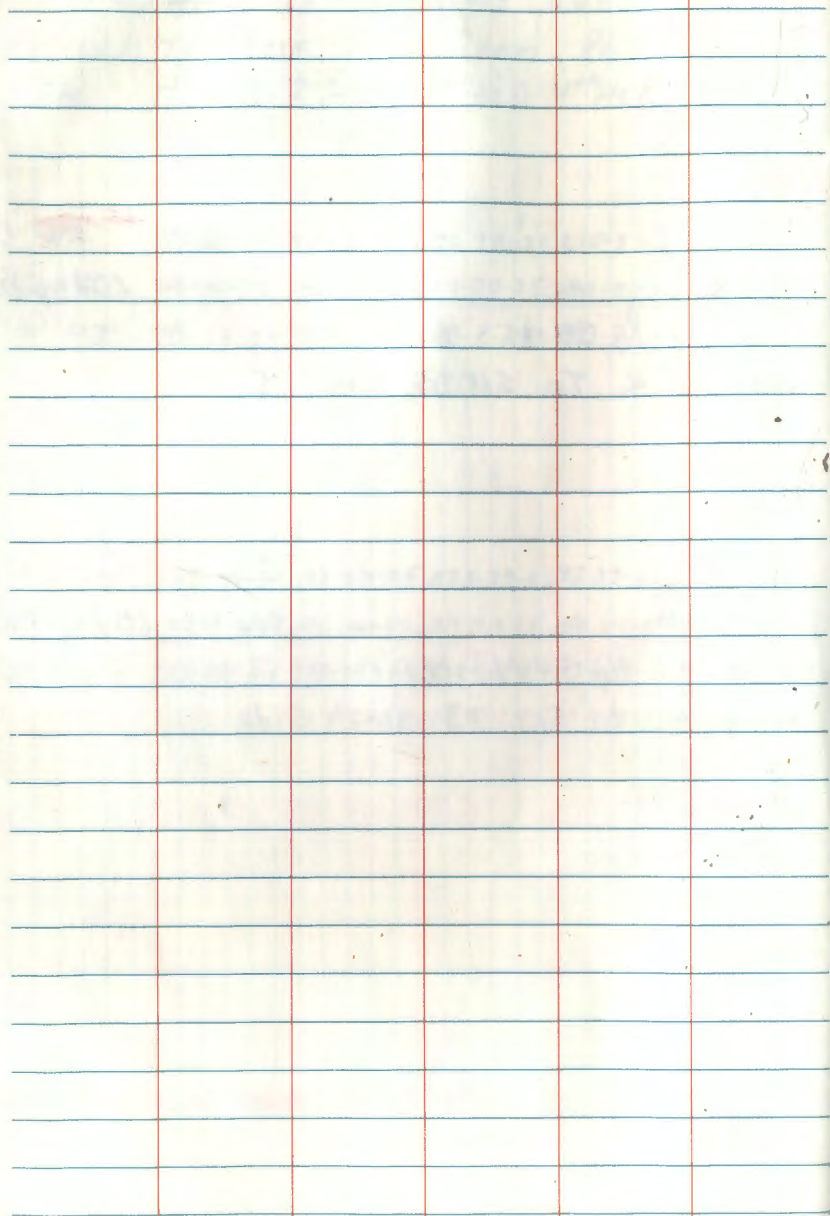
SEC COR

STA 43 = 60d spike

REFER to Pg 34 this Book

Closing \* To SEC. 13 East Side







38 T148N R26W SEC 12+13 Tie to Mc

South Side FOUR TOWN LAKE

STA 1<sup>st</sup> H&D 2<sup>nd</sup> H&R 3<sup>rd</sup> H&D 4<sup>th</sup> H&R

H&R

FS 351 208-06-56 28-06-42 208-06-51 28-06-38

BS 35 00-00-14 180-00-05 00-00-06 180-00-04

T@ ~~34~~ 208-06-42 208-06-37 208-06-45 208-06-34

34

208-06-40

Dist. 50-51 90-29-10 383.35 383.34 383.326

TEMP. 0°F

1-16-84

Wild T2 SN/265184

B. AUSK

HP300A SN/1225A02215

G. ROBERTSON

LEITZ PRIZMS Reduce slope dist by 0.06 ft  
before reducing to horizontal

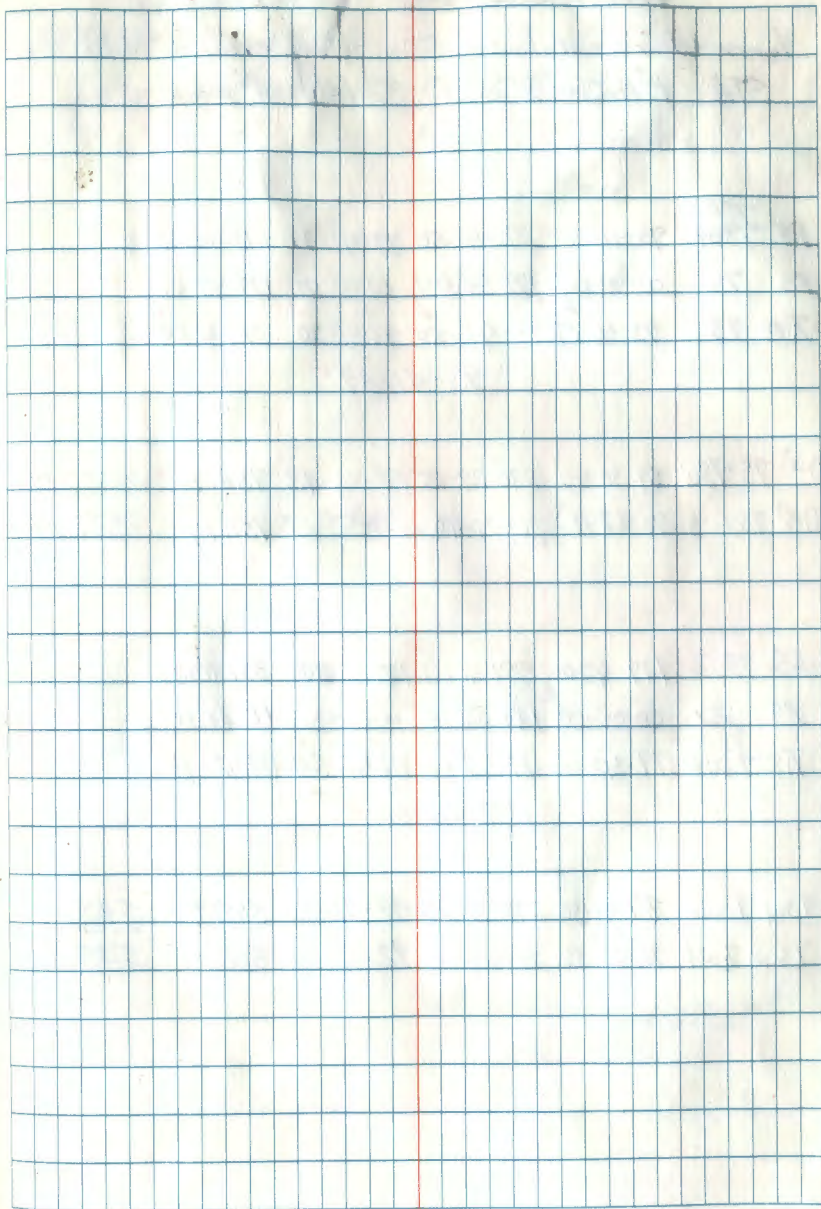
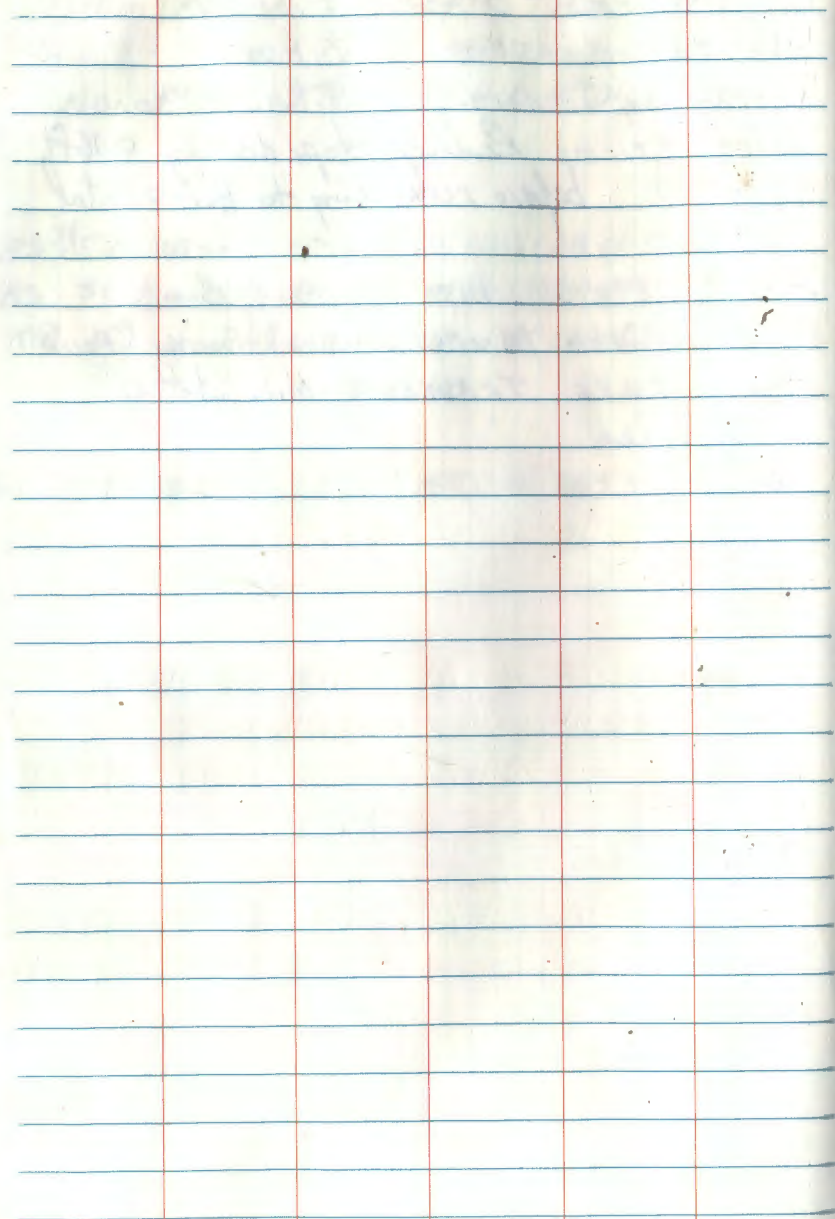
STA. 50 = STA. 34 PAGE 29 this Book

STA. 50 is from BLACK LOOSE LEAF BOOK FOUR

TOWN LAKE TRAVERSE Milo Steffen

Traverse







T148 N R26W Sec 13 Subdivision

Inverse &amp; Traverse info. For line between WY4 &amp; N Y6

STA 1<sup>st</sup> H&R 2<sup>nd</sup> H&R 3<sup>rd</sup> H&R 4<sup>th</sup> H&RFS ~~7300~~ 93-41-25 273-40-50 93-41-30 273-40-50

BS 74 00-00-00 179-59-00 00-00-00 179-59-00

T@ 73 93-41-47 93-41-50 93-41-30 93-41-50

93-41-39 ✓

Dist 73-7301 89-30-40 270-29-15 89-30-43 752.18 752.15

Dist 7301-73 90-32-16 269-27-40 90-32-15 752.17 752.14

FS 7302 179-42-00 357-41-10 179-41-50 357-41-10

BS 23 00-00-00 179-59-10 00-00-00 179-59-00

T@ ~~7300~~ 179-42-00 179-42-00 179-41-50 179-42-10

179-42-00 ✓

7301 7302 87-41-30 272-18-00 87-41-45 545.91 545.47

7302 7301 92-51-54 267-27-43 92-32-06 546.04 545.51

✓ OK G.K. 02/29/84

Temp 36°F

Feb 13, 1984

BPR = 29.1 FOP = 0

Overcast, calm, fog

Leitz T60 SN 158830

P.C. G. Robertson

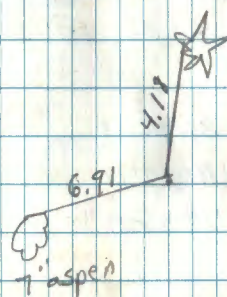
Aids T. Schreiber

S. Carr

STA 73 = WY4

752.14 ✓

18" R. pine (with large slash removed)

STA ~~7301~~ 7300 = 60d spike

545.49 ✓

STA 7302 = iron pipe at  
approx. NY6



T148N R26W Sec 13 subdivision

Traverse to tie in found I.P. of approx. N 1/6

Cont'd from pg 60

STA 1<sup>st</sup>H40 2<sup>nd</sup>H4R 3<sup>rd</sup>H40 4<sup>th</sup>H4R

BS7301 180-48-31 360-48-25 180-48-38 360-48-28

BS 7303 ~~00-00-06 180-00-00 00-00-09 180-00-04~~

T@ 7302 180-48-25 180-48-25 180-48-27 180-48-24

180-48-26 ✓

7302-7303 89-53-50 270-05-53 89-53-58 581.36 581.36

7303-7302 90-09-50 269-49-55 90-09-58 581.37 581.37

FS 7304 179-56-52 359-56-40 179-56-50 359-56-48

BS 7302 00-00-23 180-00-12 00-00-21 180-00-14

T@ 7303 179-56-27 179-56-29 179-56-29 179-56-29

179-56-29 ✓

7303-7304 ~~89-29-32~~  
90-09-50 270-30-19 89-29-36 659.51 659.48

7304-7303 90-33-41 269-26-02 90-33-50 659.51 659.48

✓ OK ~~02/29/84~~

Feb 15, 1984

P.C. B. Avsk

BPR = 29.6

T.M. G. Robertson

Temp = 40°F

Aid S. Carr

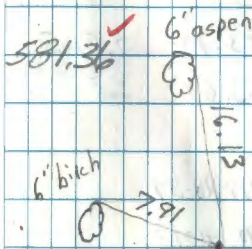
ECF = 0

Overcast, breezy

Leitz Red Hd # 4863

Wild T2 # 265184

STA 7302 - 2" O.D.

galvanized I.P. of approx.  
N 1/6, up 3'

STA 7303 - 60d spike

659.48 ✓



T149N R26W sec 13 subdivision

Traverse to tie in found I.P. of approx. N<sup>1</sup>/<sub>2</sub> E

Cont'd from pg 61

STA 1<sup>st</sup>H&O 2<sup>nd</sup>H&R 3<sup>rd</sup>H&O 4<sup>th</sup>H&R

H X

FS 1 <sup>171</sup> 93-28-37<sup>-19</sup> 351-28-09 171-28-15 351-27-58

BS 7303 00-00-16 180-00-04 00-00-14 180-00-03

X@ 7304 171-28-21<sup>03</sup> 171-28-05 171-28-01 171-27-55

171-28-01 ✓

~~171-28-19~~

7304-1 93-28-37 266-31-12 93-28-42 53.70 53.60

1-7304 <sup>87-13-22</sup> 80-13-22 ~~279-46-19~~ 80-13-32 53.67 <sup>53.61</sup>  
~~53~~

FS 79 94-28-45 274-28-43 94-28-47 274-28-37

BS 7304 00-00-22 180-00-14 00-00-19 180-00-13

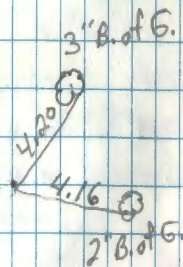
X@ 1 94-28-23 94-28-29 94-28-22 94-28-24

94-28-25 ✓

1-79 89-18-57 270-45-42 ~~89-14-07~~ 89-47 848.39 ✓

JOK Pl. 02/29/84

Feb. 15, 1984



STA 7304 = 60d spike

53.61 ✓

STA 1 = Mn/Sec cor  
sec. 13 (60d spike  
in bar)

See pg 52



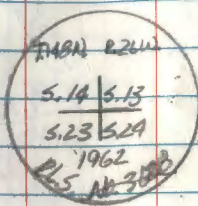
## T148N R26W Sec 13 Subdivision

April 4, 1934 Recovery by: G. Kasenka

B. Aust

G. Robertson

Recovered a 2 1/2 in. outside diameter galvanized iron pipe with a 3 in diameter brass cap stamped as shown, up 1.7 ft from which:



Original Gov't W. Pine, badly rotted, S77°W, 28.44 ft

Original Gov't W. Pine, badly rotted, N79°W, 36.51 ft

1918 W. Pine, rotted stump, due North, 155.40 ft, w/54-3

1918 W. Pine, rotted stump, S41E, 84.00 ft, w/54-3 + 60d spike

1962 Birch, 15.0 in, N79°E, 46.35 ft to 16d nail on S

1962 Elm, 14.6 in, S60°W, 101.35 ft to 16d nail on S

1962 Oak, 19.5 in, S89°W, 130.33 ft to 16d nail on N

declination 5°

Metal fence post, North, 2.33 ft, w/54-4 + 54-2

Metal fence post, West, 3.96 ft, w/54-4 + 54-2

Established:

Ash, 4.6 in, S29°E, 47.21 ft to 16d nail in NE face, double blazed, scr. "S2918r" w/60d spike

, w/54-3 + 60d spike

, w/54-3 + 60d spike

+ 60d spike

face, double blazed overgrown, w/54-3 + 60d spike

face, double blazed overgrown, w/54-3 + 60d spike

face, double blazed overgrown, w/54-3 + 60d spike



## T148N R26W Sec 12 Subdivision

Inverse + Traverse info for line between S<sup>1</sup>/<sub>4</sub> & C<sup>1</sup>/<sub>4</sub>STA 1<sup>st</sup> H&D 2<sup>nd</sup> HAR 3<sup>rd</sup> H&D 4<sup>th</sup> HAR

FS	1011	32-28	32-26			
43	269-31-31	89-34-20	269-32-29	89-32-27		

BS	1011	00-00-30	180-00-22	00-00-29	180-00-23	
----	------	----------	-----------	----------	-----------	--

π @ 101	269-31-57	269-31-57	269-32-00	269-32-05		
---------	-----------	-----------	-----------	-----------	--	--

269-32-00 ✓

101-1011	89-46-12	19-34	271-16-41	88-40-19	256.39	256.32 ✓
----------	----------	-------	-----------	----------	--------	----------

1011-101	91-24-19	268-35-51	91-24-14	256.42	256.34	
----------	----------	-----------	----------	--------	--------	--

FS 1012	180-00-24	00-00-18	180-00-26	00-00-15		
---------	-----------	----------	-----------	----------	--	--

BS 101	00-00-24	180-00-18	00-00-31	180-00-18		
--------	----------	-----------	----------	-----------	--	--

π @ 1011	180-00-00	180-00-00	179-59-55	179-59-57		
----------	-----------	-----------	-----------	-----------	--	--

179-59-58 ✓

1011-1012	88-32-53	271-26-58	88-32-58	1068.12	1067.78 ✓	
-----------	----------	-----------	----------	---------	-----------	--

1012-1011	91-29-35	268-30-40	91-29-28	1068.16	1067.80 ✓	
-----------	----------	-----------	----------	---------	-----------	--

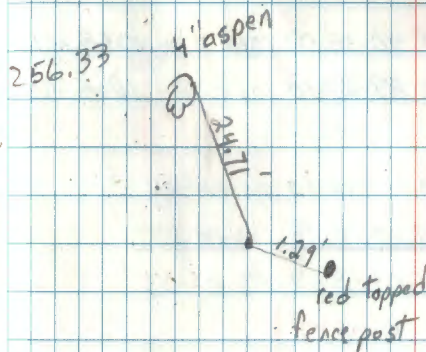
✓ OK Pl. 03/16/84

Feb. 15, 1984 P.C. G. Robertson

Aid S. Carr

Same info as pg 60

STA 1011 = 60d spike



STA 1011 = 60d spike

1067.79 ✓



T148N R26W Sec 12 Sub

~~INTERIOR TRAVERSE Sec. 13~~

Interior traverse cont'd from pg 64

STA 1<sup>st</sup> H&D 2<sup>nd</sup> HAR 3<sup>rd</sup> H&D 4<sup>th</sup> HAR

H&amp;D

FS 1013 180-00-28 00-00-24 180-00-33 00-00-26

BS 1011 00-00-28 180-00-20 00-00-31 180-00-20

X@ 1012 180-00-00 180-00-04 180-00-02 180-00-06

180-00-03 ✓

1012-1013 96-35-12 269-24-59 90-35-07 1068.73 1068.67 ✓

1013-1012 89-27-15 270-32-55 89-27-10 1068.75 1068.70 ✓

FS 1014 180-00-34 00-00-28 180-00-33 00-00-26

BS 1012 00-00-34 180-00-27 00-00-36 180-00-23

X@ 1013 180-00-00 180-00-01 179-59-57 180-00-03

180-00-00 ✓

1013-1000 96-46-01 263-14-09 96-45-59 287.39 285.39 ✓

SEE T148N R26W BK 4 pg 21

FOR CONTINUATION OF THIS

TRAVERSE

✓ OK R.R. 03/16/84

3-7-84

D. Ausk

G. Shultz

D. MAK

D. OJANEN

wind to SW/  
Leitz Red 1A

1068.69 ✓

285.35 ✓

$$\begin{array}{r}
 5' 3 1/2' \\
 2682.20 \\
 2892.79 \\
 \hline
 287.41
 \end{array}$$

287.41



T148N R26W Sec 13 sub.

April 4, 1962 Recovery by G. Kasenko

B. Ausk

B. Robertson

Recovered a 6 in diameter concrete monument  
with a 3 in. diameter brass cap mkd as  
shown; up 1.6 ftfrom which: Decl =  $5^{\circ}E$ 1 in outside diameter iron pipe  
adjacent to concrete monument

and up 1.0 ft

Metal fence post North 4.60 ft w/54-2 + 54-4

Boulder mkd "x"  $S18^{\circ}E$  26.79 ft

Metal fence post West 6.20 ft w/54-2 + 54-4

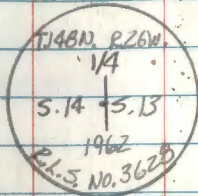
Boulder mkd "x"  $N83^{\circ}W$  10.15 ft

Established:

Metal fence post south 3.0 ft w/54-2

Metal fence post east 3.0 ft w/54-2

Boulders + fence posts painted red





T148N R26W Sec 13 Sub

Inverse and Monumentation info to set

STA 7301, N 1/16 14+13

STA 1<sup>st</sup> H&D 2<sup>nd</sup> H&D C.H. Dist

H&amp;D

FS 7301 123-09-15 296-18-15

BS 7303 00-00-00 123-09-15

IT@ 7302 123-09-15 123-09-00

3.38

123-09-08

On April 4, 1984 I talked to Ted Dawling about this corner and the iron pipe we recovered. He said he placed it there as best he could but not exact. I set the corner at proportionate distance with which Ted agreed.

Flum P. Kumbo 4/4/84

W. Birch 7.1 in N78°E 60.60 ft to 16d nail in

Sugar Maple 8.9 in S27°E 31.07 ft to 16d nail in

Red Oak 9.9 in N26°W 29.60 to 16d nail in

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

Metal fence post, west, 3.0 ft w/54-2 &amp; 54-9

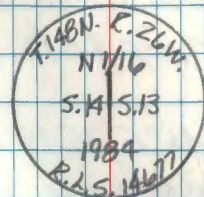
April 4, 1984

PC RD G, Kosenka

TS20 S/N 5151 T B. Ausk

M.H. Dist

Aude G. Robertson



3.38

Decl = 5° East

Set a 5 ft. long by 2 1/2 in. outside diameter concrete filled galvanized iron pipe with a 3 in diameter brass cap stamped as shown, up 1.5 ft from which:

north face, double blazed, ser: "N1/16 513 BT" w/60d spike  
 west face, double blazed, ser: "N1/16 513 BT" w/60d spike  
 SW face, double blazed, ser: "N1/16 514 BT" w/60d spike



April 3, 1984 Recovery by B. Kosenko

B. Ausk

G. Robertson

Recovered a 2½ in outside diameter galvanized iron pipe with a 3 in. diameter brass cap stamped as shown, up 2.8 ft

from which:

1962 Elm, 9.5 in, N46°E, 35.99 ft to 16d nail in SE face, double blazed overgrown, w/6od spike

1962 Maple, 13.8 in, S42°E 28.83 ft to 16d nail in SW face, double blaze overgrown, w/6od spike

Great Maple stump, S37°W, 7.20 ft to its origin (stump has fallen over) no scribbling visible

1921 Basswood, 13.7 in, S88°W, 18.90 to 16d nail in north face, double blazed overgrown, w/6od spike

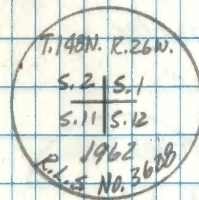
1921 Maple, 12.5 in, N12°W 22.91 ft to 16d <sup>nail</sup> ~~spike~~ in west face, double blazed overgrown, w/6od spike

Metal fence post out of ground and lying down

Established

Metal fence post, north, 3.7 ft w/542 754-9

Decl = 5° East

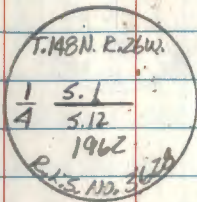




April 2, 1984 Recovery by: G. Kosenko

Decl = 5° East B. Ausk  
G. Robertson

Recovered a 2 1/2 in. outside diameter  
galvanized iron pipe with a 3 in  
diameter brass cap stamped  
as shown wired onto an  
iron fence post driven adjacent  
to, and monument up



1.9 feet from which:

1979 Ash, 4.4 in, N42°E, 18.50 ft to 16d nail in  
NW face, double blazed, ser: "X BT" w/60d spike

1962 Ash, 9.1 in, S44W, 31.58 ft to 16d nail in  
SE face, double blaze overgrown, w/60d spike

1962 Ash, 8.6 in, N31°W, 26.26 ft to 16d nail in  
SW face, double blaze overgrown and cut into, w/60d spike

Effant  
County, Ash, 10.0 in, N27°W, 18.08 ft to 16d nail in  
SW face, double blazed, ser: "1/4 S1 BT" w/60d spike

Metal fence post, north, 2.84 ft w/54-2, 54-4

Metal fence post, south, 6.10 ft w/54-2, 54-4

1921 Tam, stump S26°E, 63.36 ft to 16d nail

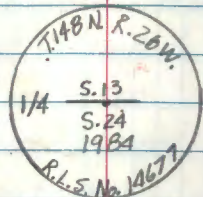
NE face, stump badly rotted, w/60d spike

1921 Tam stump, N77°W, 61.97 ft to 16d nail

NE face, stump badly rotted, w/60d spike



T148N R26W Sec 13 Subdivision  
 Monumentation info to set 4002,  
 S 1/4 S. 13



Set a 5 ft long by 2 1/2 in outside diameter  
 concrete filled galvanized iron pipe with a  
 3 in diameter brass cap stamped as shown,  
 from which: up 1.5 ft

Aspen 7.8 in N28°E 49.34 ft to 1/2d nail in

Aspen 5.7 in S55°E 24.77 ft to 1/2d nail in

Aspen 10.3 in N28°W 29.63 ft to 1/2d nail in

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

Metal fence post, west, 3.0 ft, w/ 54-2, 54-9

5° declination

See Book 2, pp 18

March 23, 1984

Cloudy, cool

PC by B. Koranko

Aides B. Ausk

G. Robertson

NW face, double blazed, scr: "1/4 S13 BT" w/ 60d spike  
 NE face, double blazed, scr: "1/4 S24 BT" w/ 60d spike  
 West face, double blazed, scr: "1/4 S13 BT" w/ 60d spike



T148N R26W Sec 13 Sub

L-23

Inverse and Monumentation info to

set STA 4000, C 1/4 S. 13

STA	Bearing	(ft) Dist	(ft) M. Dist
-----	---------	--------------	-----------------

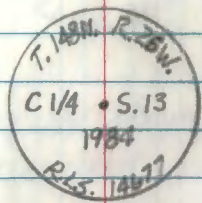
4004

N 05-21-50 W

.22

.22

4000



Set a 5 ft. long by 2 1/2 in. outside diameter  
concrete filled galvanized Iron pipe with a  
3 in. diameter brass cap stamped as shown,  
from which: up 18 inches

W. Spruce, 10.1 in, S 53° E, 63.02 ft to 16d nail on

W. Spruce, 10.4 in, S 04° W, 39.47 ft to 16d nail on

W. Spruce, 9.7 in, N 13° W, 57.85 ft to 16d nail on

Metal fence post, North, 3.0 ft w/54-2, 54-9

Metal fence post, West, 3.0 ft N/54-2

March 22, 1984

Clear, cool, windy

PC on G. Kosenko

Aids B. Ausk

G. Robertson

D. Qianen

SW face, double blazed, scr: "C 1/4 S 13 BT" w/60d spike

W face, double blazed, scr: "C 1/4 S 13 BT" w/60d spike

SW face, double blazed, scr: "C 1/4 S 13 BT" w/60d spike

5° declination



T148N R26W Sec 13 Subdivision

K-27

Inverse and Monumentation info to

set sta 4001, CN 1/16 S. 13.

ST1 1<sup>st</sup> H&D 2<sup>nd</sup> H&R 3<sup>rd</sup> H&D 4<sup>th</sup> H&R

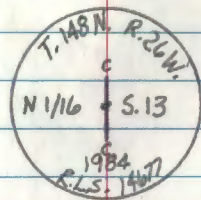
H&amp;Z

FS 4001 270-26-52 89-42-38

GS 4008 00-00-07 174-15-24

NO 4007 270-26-45 70-27-14

.84.



Set a 5 ft long by 2 1/2 in. outside diameter  
concrete filled galvanized iron pipe with  
a 3 in. diameter brass cap stamped as shown,  
from which: up 1.5 ft

Aspen, 10.5 in, S45°E 83.49 ft to 1/6d nail in SW

Balmy, 7.2 in S50°W 20.09 ft to 1/6d nail in SE

Metal fence post, N18°E 32.34 ft w/BT tag

Metal fence post, East 3.0 ft w/54-2, 54-9

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

5° declination

March 22, 1984

Clear, cool, windy

PC @ G. Kosenko

A. Robertson

B. Aust

D. Ojanen

T-2 SW 265184

2.99 X on post  
2.91  
X on post

face, double blaze, ser "CN 1/16 S13 BT", w/60d spike  
face, double blaze, ser "CN 1/16 S13 BT", w/60d spike



TMBN P26W Sec 12 Sub

See BK 2 Pg 20

April 2, 1984 Recovery by: G. Kosenko

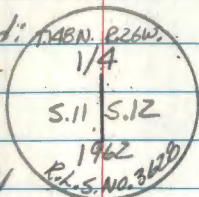
B. Ausl

G. Robertson

Recovered a bin diameter concrete monument  
with a 3 in diam brass cap stamped:

up

Decl = 5° East



From which:

Original Gov't Survey

Tamarack, stub, N 03° W, 7.53 ft to face,

double blaze, scribing barely visible, w/60d spike

Tamarack, stump, S 86° E 3.30 ft to face,

are marks in base blaze, no scribing w/60d spike

Cedar<sup>1962</sup>, 9.3 in, S 29° E, 72.44 ft to 16d nail in  
east face, double blazed, scr: "1/4 S 12 BT" partly overgrown w/60d spikeCedar<sup>1962</sup>, 12.4 in, S 19° W, 24.36 ft to 16d nail in  
NW face, double blazed, scr: "1/4 S 11 BT" partly overgrown w/60d spikeCedar<sup>1962</sup>, 9.8 in, N 85° W, 27.09 ft to 16d nail in  
north face, double blazed overgrown, w/60d spike

Metal fence post, east, 6.17 ft 54-2 + 54-4

Metal fence post, south, 2.23 ft w/54-2



T148N R26W Sec 12 Sub

G-23

Inverse and Monumentation info to

set STA 1000

STA 1<sup>st</sup> H&D 2<sup>nd</sup> H&R 3<sup>rd</sup> H&D 4<sup>th</sup> H&R

H&amp;R

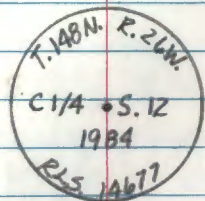
FS 1000 182-40-40 DS-22-55

BS 1013 00-00-00 182-40-40

1014 T 182-40-~~40~~ 182-40-15

4.17

Decl = 5° East



Set a 5 ft. long by 2 1/2 in outside diameter  
iron pipe with a 3 in diameter brass cap stamped  
as shown, pipe is galvanized, iron pipe filled  
with concrete, up 18 inches. Set a 8 ft metal  
fence post down 6 1/2 feet beside pipe to help  
steady it from which:

Tamarack 9.7 in N47° E 29.42 ft to 16d nail in NW

Tamarack 8.3 in S10° W 16.78 ft to 16d nail in W

Tamarack 10.4 in N11° W 42.30 ft to 16d nail in W

Metal fence post, south 3.40 ft w/54.2

Metal fence post, west 3.20 ft w/54.2, 54.9

April 2, 1984

PC 00 G. Kosenko

T 600 S.N. 0903M-0887E B. Husk

Aide Gr. Robertson

4.17

face, double blazed, scr: "C 1/4" 512 BT" w/60d spike  
face, double blazed, scr: "C 1/4 512 BT" w/60d spike  
face, double blazed, scr: "C 1/4 512 BT", w/60d spike



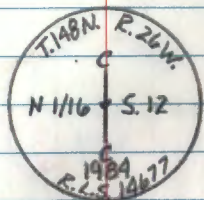
T148N R26W Sec 12 Subdivision

F-23

Inverse and Monumentation info to set

Sta 1001 CN 1/16 S 12

Used traverse point STA for  
the corner position.

Decl:  $5^{\circ} E$ 

Set a 10 ft. long by  $3/4$  in. outside  
diameter aluminum rod monument, up  
18 inches with a  $3/4$  in diameter aluminum  
cap stamped as shown from which:

B.S. spruce, 15.3 in,  $N 57^{\circ} E$ , 86.16 ft to 16d nail in

Cedar, 15.7 in,  $S 29^{\circ} E$ , 59.47 ft to 16d nail in

Cedar, 11.8 in,  $S 33^{\circ} W$ , 74.84 ft to 16d nail in.

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

Metal fence post, west, 3.0 ft w/ 54-2, 54-9

April 3, 1984

PC RD G. Kosenko

Ards - G. Robertson

B. Ausk

All BT's and posts are  
painted red

NE face, double blazed, scr: "CN 1/16 S 12 BT", w/ 60d spike

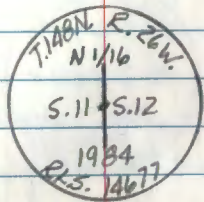
NE face, double blazed, scr: "CN 1/16 S 12 BT", w/ 60d spike

West face, double blazed, scr: "CN 1/16 S 12 BT", w/ 60d spike



T148N R26W Sec 12 Subdivision  
Inverse and Monumentation to set  
sta 1201, N 1/16 11 & 12

See T148N R26W BK 9 pg 12 for  
inverse information



Decl = 5° E

Set a 5 ft long by 2 1/2 in outside diameter  
concrete filled galvanized iron pipe with a  
3 in. diameter brass cap stamped as  
shown, up 18 inches from which

W. Spruce 11.6 in N 65° E, 27.85 ft to 16d nail in

Sugar Maple 6.1 in S 19° E, 41.55 ft to 16d nail in

Sugar Maple 9.8 in N 70° W, 51.74 ft to 16d nail in

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

Metal fence post, west, 3.0 ft w/54-2 & 54-9

April 3, 1984

Pr. by G. Kasanko

Aide: B. Ansh

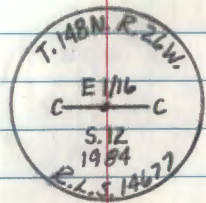
B. Robertson

north face, double blazed "N 1/16 S 12 BT", w/wood spike  
SE face, double blazed scri: "N 1/16 S 12 BT" w/wood spike  
SW face, double blazed scri: "N 1/16 S 11 BT" w/wood spike



T148N R26W Sec 12 Subdivision  
 Inverse and Monumentation info to set  
 STA 2001 CE 1/16 S.12

The point for this corner was the  
 traverse station 2042.



decl = 5° E

Set a 5 ft long by 2 1/2 in. outside diameter  
 concrete filled galvanized iron pipe with  
 a 3 in. diameter brass cap stamped as shown  
 from which:

B. Spruce, 7.7 in, 544° E, 56.73 ft, to 16d nail in  
 Aspen, 8.7 in, 549° W, 54.51 ft, to 16d nail in  
 Tamarack, 11.2 in, N26° W, 67.08 ft, to 16d nail in  
 Metal fence post, east, 3.0 ft w/54-2, 54-9  
 Metal fence post, south, 3.0 ft w/54-2

March 28, 1984

Clear, mild breeze

PC, PD B. Kosenko

Aids - B. Ansk

G. Robertson

SW face, double blaze, scr: "CE 1/16 S 12 BT", w/60d spike  
 SE face, double blaze, scr: "CE 1/16 S 12 BT" w/60d spike  
 NE face, double blaze, scr: "CE 1/16 S 12 BT" w/60d spike



78

## TIGAN R26W Sec 12 Subdivision

Inverse and Monumentation Info to set

STA 2002 E 1/16 1/2

STA 1<sup>st</sup> H&D 2<sup>nd</sup> H&R 3<sup>rd</sup> H&D 4<sup>th</sup> H&R H. Dist

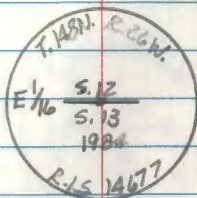
H4

2002 FS 769-73-37 89-23-25 276-05-32 96-05-15

42 BS 20-00-22 174-59-46 06-41-53 186-41-35

43 T 217-23-29 217-23-39 217-23-39 216-23-40 1333.85

269-23-37



Decl. 5° E

From which:

Pines Pole N75° E, 126.87 ft to a 16d nail in

Tamarack 11.0 in, S10° E, 96.25 ft to a 16d nail in

W. Spruce 9.8 in, N64° W, 137.90 ft to a 16d nail in

Both trees have BT tags, 60d spikes in the  
not have a red ring around it.

VOK Pl. 02/29/84

1333.61 1350.95 1324.83

1333.59 85

1333.59 85

1333.85

9.80

78

Feb, 24, 1984

APP=29.4 Clear, mild

Temp=30° F TTR PC G. Kasenko

H. Dist ELF=-1 Aide - B. Ausk

- G. Robertson

96-17-10 1333.87

T-2 S/N 265184

217-43-04

RedHA S/N

1333.85 ✓

May 22, 1984 K. Whitehorn  
B. Ausk, & G. RobertsonSet a 2 ft. long by 2 1/2 in. dia concrete filled  
galvanized iron pipe with a 3 in. dia. brass  
cap stamped as shown at left. Cap is  
flush with the surface and in the E of  
Co. Rd. #4

the SE face

the E. face, double blazed, scribed "E 1/16 S 13 BT"

the NE face, double blazed, scribed "E 1/16 S 12 BT"

BT blazes, &amp; painted red. The spruce does



T148N R26W Sec 12 Sub

Interior traverse around E 1/2 SE

STA 1<sup>st</sup> H&D 2<sup>nd</sup> H&R 3<sup>rd</sup> H&D 4<sup>th</sup> H&R

H&amp;R

Dist 2002-43 87-45-15 270-15-05 89-45-05 1333.80 1333.79

FS 2022 270-08-~~13~~<sup>26</sup> 90-08-19 270-08-31 90-08-1543 BS 10-00-~~25~~<sup>21</sup> 180-00-06 10-00-15 180-00-06

T@ 2002 270-08-05 270-08-13 270-08-16 270-08-09

270-08-11

Dist 2002-2022 89-40-29 270-19-42 89-40-24 918.80 918.79

Dist 2002-2002 90-21-38 269-38-30 90-21-34 918.81 918.79

FS 2032 180-00-00 359-59-41 179-59-48 359-59-38

BS 2002 10-00-10 179-59-57 10-00-11 179-59-55

T@ 2022 179-59-50 179-59-44 179-59-37 179-59-42

179-59-44

Dist 2002-2032 89-06-25 270-53-53 89-06-16 710.10 710.01

Dist 2002-2002

Feb 24, 1984

Clear, mild

PC TTR to G. Koenko

Ardes - G. Robertson

B. Ausk

1333.82

T2 s/n 265184

Red 1A s/n 4863

STA 2002 = PK nail  
in  $\frac{1}{2}$  Spring Lake rd  
E 1/16  $\frac{12}{15}$ 

918.79

STA 2002 = 2012 for  
Tees Lago purposes

STA 2022 = 60 d spike

2682

1628

7054

710.03



T148N R26W SEC. 12 Sub

INTERIOR TRAVERSE SEC. 12  
Around 5/2 of SF SEC. 12STA 1<sup>st</sup> H&D 2<sup>nd</sup> H&D 3<sup>rd</sup> H&D 4<sup>th</sup> H&D

N4

FS 2052 89-48-14 269-48-13 89-48-15 269-48-11

BS 41 00-00-30 180-00-19 00-00-25 180-00-20

T@ 40 89-47-41 89-47-54 89-47-50 89-47-51

89-47-50 ✓

40-2052 89-44-07 270-15-53 89-44-07 739.18 ✓  
739.18 ✓

2052-40 90-19-11 269-40-57 90-19-07 739.19 739.18 ✓

FS 2042 180-00-21 00-00-10 180-00-14 00-00-07

BS 40 00-00-26 180-00-16 00-00-20 180-00-10

T@ 2052 179-59-55 ✓  
~~180-00-00~~ 179-59-54 179-59-54 179-59-57 ✓

179-59-55 ✓

2052-2042 91-25-58 ~~268-34-11~~ 268-34-11 91-25-54 623.73 623.54 ✓

2042-2052 88-36-27 271-23-34 88-36-27 623.70 623.52 ✓

✓ OK OK. 03/16/84 24.12

3-9-84

Wild TE SM

Leitz Red IA-SM

B. Aesk

G. Robertson

G. Schultz

130  
131  
132  
133  
134  
135  
136  
137  
138  
139

739.18 ✓

623.53 ✓

134.17



3-9-84

T1481 R26W SEC 12 Sub  
INTERIOR TRAVERSE

FS 2032 89-24-04 269-23-47 89-24-01 269-23-48

BS 2052 00-00-25 180-00-18 00-00-24 180-00-17

X @ 2042 89-23-39 89-23-29 89-23-37 89-23-31

89-23-34 ✓

2042-282 88-28-38 271-31-34 88-28-32 1035.68 1035.31 ✓

2032-2042 91-33-52 268-26-06 91-33-53 1035.70 1035.31 ✓

FS 2022 180-01-13 00-01-04 180-01-11 00-01-07

BS 2042 00-00-34 180-00-22 00-00-33 180-00-22

X @ 2032 180-00-39 180-00-42 180-00-38 180-00-45

180-00-41 ✓

2032-2022 90-59-08 269-01-05 90-59-02 710.15 710.05 ✓

Sta 2022

880

②

4" Maple  
SNA9

9" Birch

✓ OK Pl. 03/16/84

## CURVE TABLES

## HOW TO USE CURVE TABLES

Table I. contains Tangents and External to a 1° curve. Tan. and Ext. to any other radius may be found nearly enough, by dividing the Tan. or Ext. opposite the given Central Angle by the given degree of curve.

To find Deg. of Curve, having the Central Angle and Tangent: Divide Tan. opposite the given Central Angle by the given Tangent.

To find Deg. of Curve, having the Central Angle and External: Divide Ext. opposite the given Central Angle by the given External.

To find Nat. Tan. and Nat. Ex. Sec. for any angle by Table I.: Tan. or Ext. of twice the given angle divided by the radius of a 1° curve will be the Nat. Tan. or Nat. Ex. Sec.

## EXAMPLE

1035.31 ✓ Wanted a Curve with an Ext. of about 12 ft. Angle of Intersection or I. P. = 23° 20' to the R. at Station 542+72.

Ext. in Tab. I opposite 23° 20' = 120.87  
120.87 + 12 = 10.07. Say a 10° Curve.

Tan. in Tab. I opp. 23° 20' = 1183.1  
1183.1 + 10 = 118.31.

Correction for A. 23° 20' for a 10° Cur. = 0.16  
118.31 + 0.16 = 118.47 = corrected Tangent.

(If corrected Ext. is required find in same way)  
Ang. 23° 20' = 23.33° + 10 = 2.3333 = L. C.

2° 19½' = def. for sta.	542	I. P. = sta.	542+72
4° 49½' = " " "	+50	Tan. =	118.47
7° 19½' = " " "	543	B. C. = sta.	541+53.53
9° 49½' = " " "	+50	L. C. =	2.3333
11° 40' = " " "	543+	E. C. = Sta.	543+86.86
	86.86		

100 - 53.53 = 46.47 × 3' (def. for 1 ft. of 10° Cur.) = 139.41' =

2° 19½' = def. for sta. 542.

Def. for 50 ft. = 2° 30' for a 10° Curve.

Def. for 36.86 ft. = 1° 50½' for a 10° Curve.

