

T 148 N R 27 W 5th RM Box 2

T 148 N
R 27 W

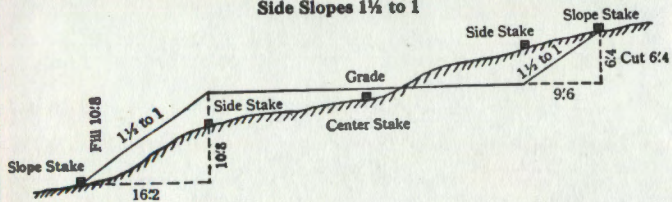
Book # 2

ENGINEERING

FIELD BOOK

No. S400V

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	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	Cut or Fill
	Distance out from Side or Shoulder Stake										
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

Property of _____

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

Address _____

Phone _____

This Field Book is manufactured of a High Grade 50% Rag Paper having a WATER RESISTING SURFACE, and is sewed with Bing Special Enamel Waterproof thread.

Made in U. S. A.

2. QUARTER CORNER SECTION 1-2

1875 ORIG GOVT SURVEY BC. BALTIMORE

NORTH ON TRUE LINE BET 1 & 2 40 CHS
SET POST FOR 1/4 CORNER FROM WHICH

SUGAR 6" N35E 14 lks 9.24'
SUGAR 8" N73W 14 lks 9.24'

2/23/94 R. MAIN C. KRAUSE

CHAINED NORTH 2640 FT FROM SECTION CORNER
1-2-11-12. MANY LARGE MAPLE IN AREA, WILL
RETURN TO DO SEARCH. PUT FSLP ON
17" MAPLE FROM WHICH CORNER BEARS NORTH 10 FT.

3. MC NORTH SHORE ISLAND ON RICE LAKE

1875 ORIG GOVT SURVEY B.C. BALDWIN

NORTH ON TRUE LINE BET 1 & 12 42.67 CHS
SET POST FOR MC FROM WHICH

ASH 8" S10W 95 62.7 FT

OAK 5" S8E 122 80.52

~~LOCATED POSTER ON 17" MAPS FROM WHICH APPARENT~~

~~CORNER BEARS MARK 10 FT~~

2-23-94 RMYCK

FD. VERY LARGE W. OAK (ALIVE) WITH
FAINT SCAR FACING NORTH - THIS COULD BE
ORIG. OAK (BT) EAGLE NEST NEXT TO OAK
NEST CAN BE SEEN FROM MAX. ROAD

4. CORNER TO SECTIONS 9-10-15+16
NOTES OF ORIG. GOV'T. SURVEY 1875
SET WOOD POST IN EDGE OF MARSH

ASPEN 3 S14W 84 LKS. = 55.44'

ASPEN 3 S13E 75 LKS. = 49.50'

ASPEN 3 N62E 43 LKS. = 28.38'

874 By J. KARLS 7-23-34

Fd. WOOD POST IN POOR CONDITION - SET NEW
POST 42" LONG SCRIBED WITH SECTIONS
FSLP ON TELEPHONE POLE 8" ON NW SIDE OF POLE
CORNER BRS. NW 30 feet
NOTE OVER EDGE OF ROAD GRADE - WHERE ROAD
SWINGS NE

8-15-94 CORNER CARD NOTES FROM ITASCA
COUNTY - FEB 1975 DON PEPPER

TIES TO COR.

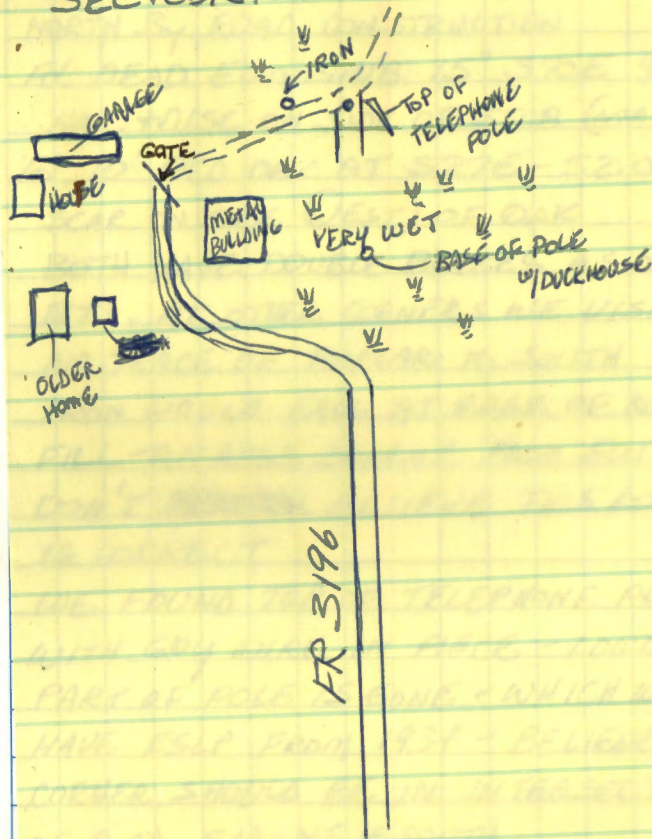
ELM 14 S70E 43.45'

OAK 8 S27E 52.09'

POPLAR 10 SOUTH 52.83'

T. 148 NR 27W

SEC. COR. 9-10-15-16



5. QUARTER CORNER BET. SEC'S. 3+10

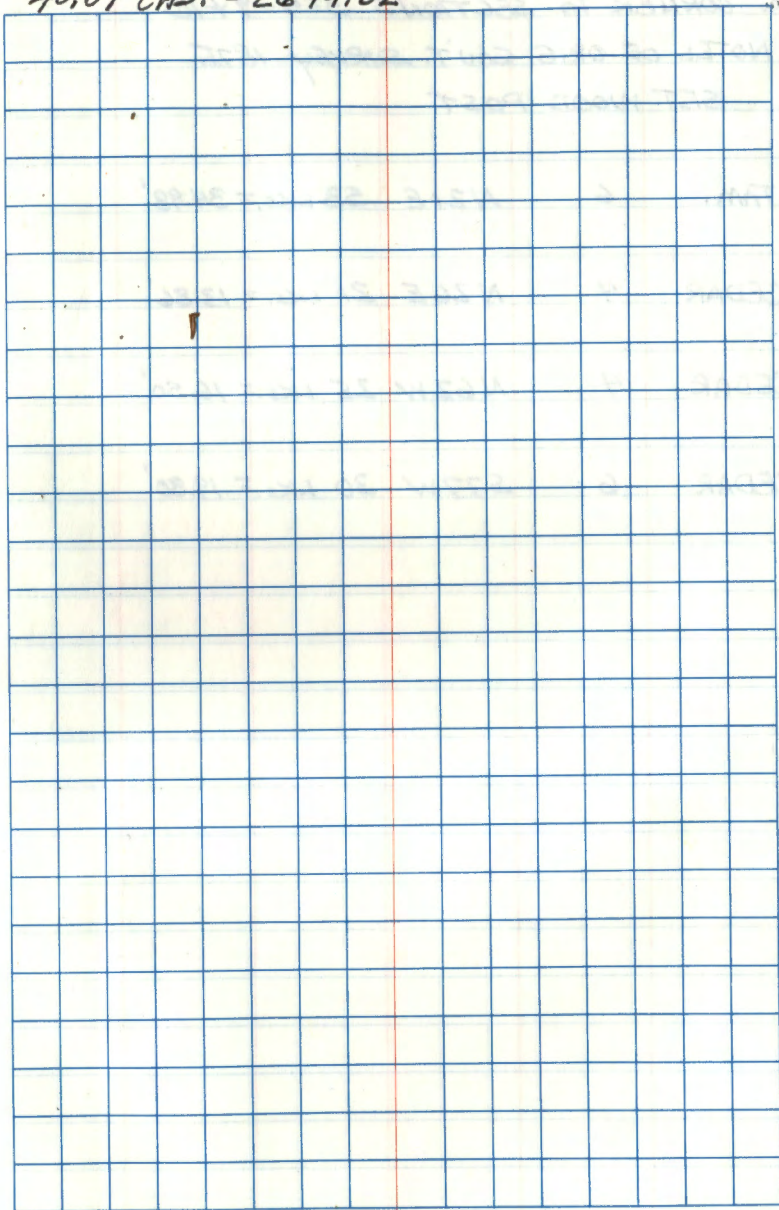
NOTES OF ORIG. GOV'T SURVEY 1875

SET WOOD POST

TAM. 4 N36E 1.37 LKS. = 90.42'

TAM. 4 S45W 1.68 LKS. = 110.88'

40.07 CHS. = 2644.62'



SEE BOOK 1 Pg. 71

6. CORNER TO SECTIONS 3-4-9+10

NOTES OF ORIG. GOV'T. SURVEY 1875

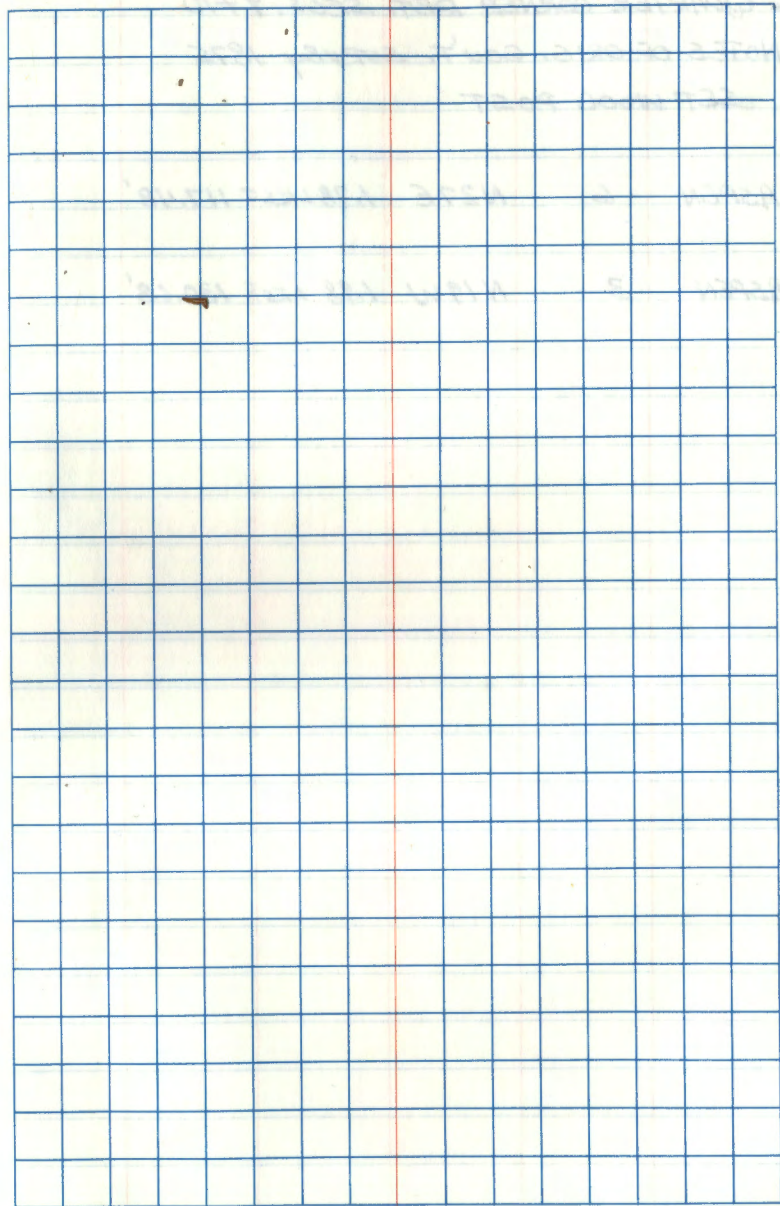
SET WOOD POST

TAM. 6 N21E 53 LKS. = 34.98'

CEDAR 4 N26E 21 LKS. = 13.86'

CEDAR 4 N62W 25 LKS. = 16.50'

CEDAR 6 S77W 30 LKS. = 19.80'



SEE BOOK 1 Pg. 71

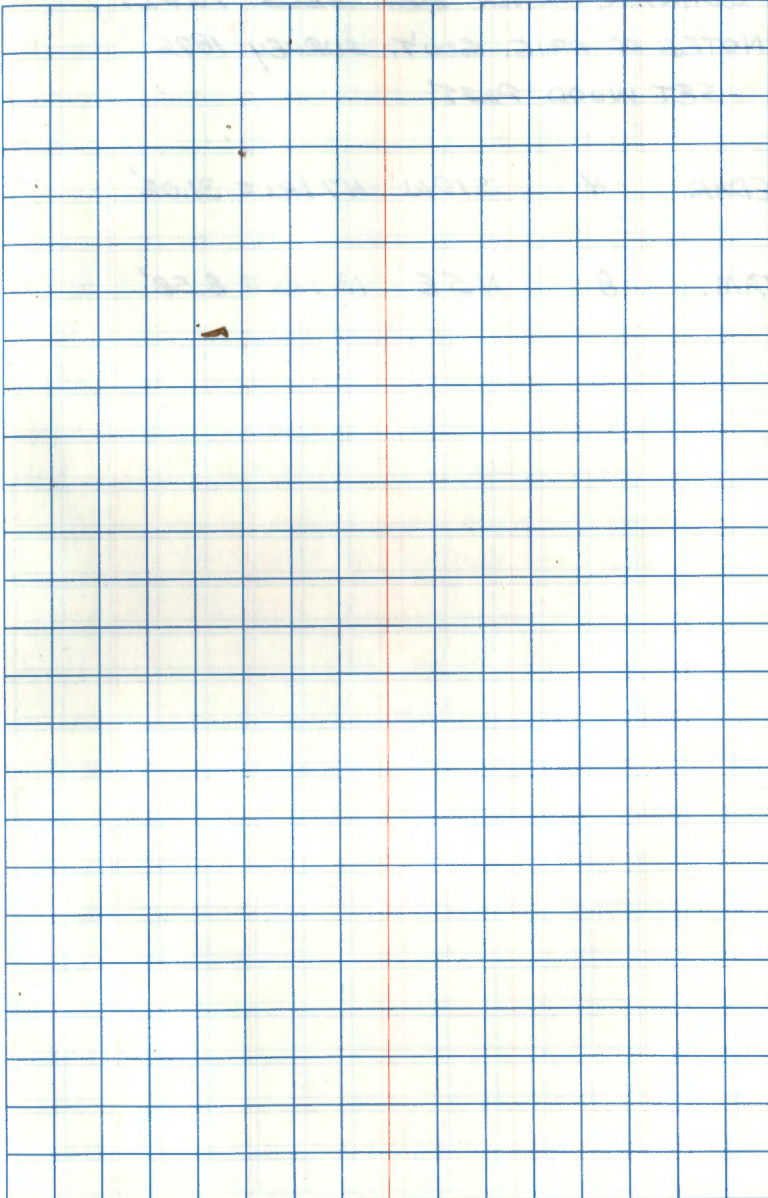
7. QUARTER CORNER BET. SEC'S. 9+10

NOTES OF ORIG. GOV'T. SURVEY 1875

SET WOOD POST

ASPEN 6 N27E 1.78 LKS. = 117.48'

ASPEN 3 N19W 1.98 LKS. = 130.68'



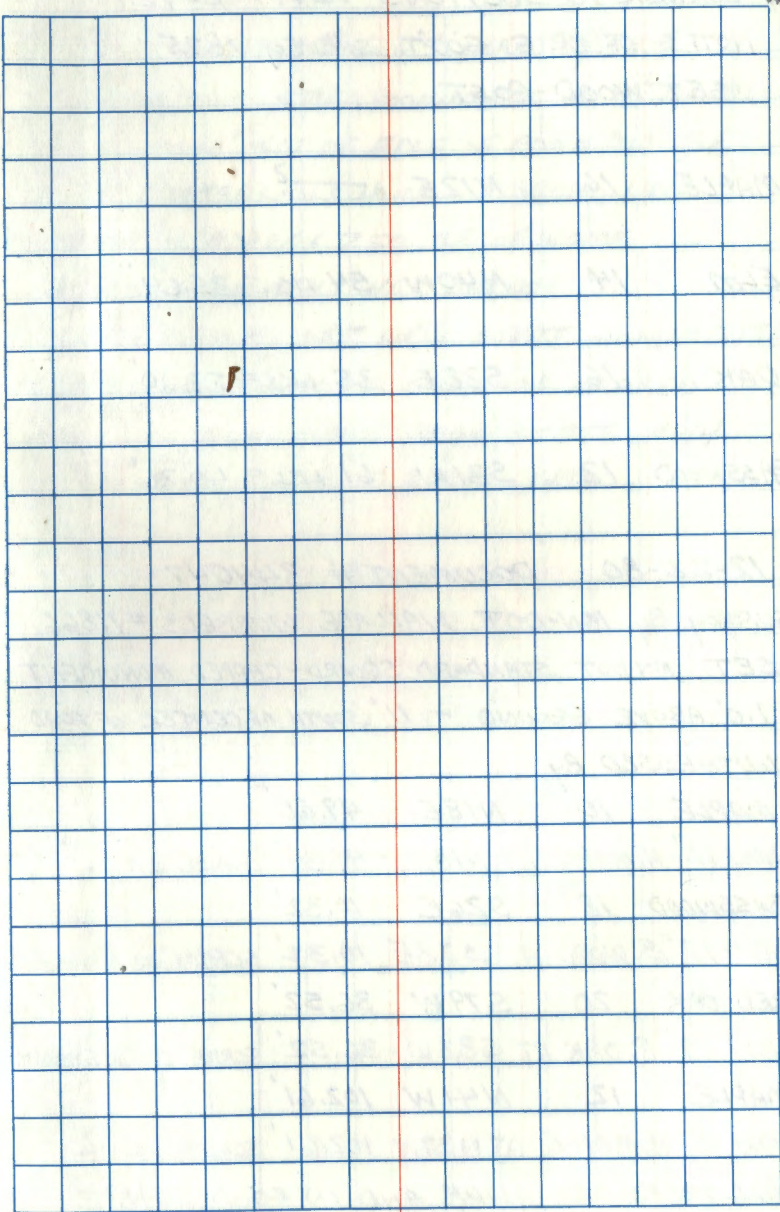
8. QUARTER CORNER BET SEC'S. 16+21

NOTES OF ORIG. GOV'T. SURVEY 1875

SET WOOD POST

CEDAR 4 S10W 47 HKS. = 31.02'

TAM. 8 N5E 13 HKS. = 8.58'



9. CORNER TO SECTIONS 16+17-20+21

NOTES OF ORIG. GOV'T. SURVEY 1875

SET WOOD POST

MAPLE 16 N12E —?

ELM 14 N40W 54 LKS. = 35.64'

OAK 16 S28E 35 LKS. = 23.10'

BASSWOOD 12 S31W 61 LKS. = 40.26'

12-22-80 DOCUMENT # 344047

SURVEY BY MN-DOT WALLACE WUBBELS #11866

SET MNDOT STANDARD SQUARD-CAPPED MONUMENT

1.0' ABOVE GROUND - 11" SOUTH OF CENTER OF ROAD

WITNESSED BY

MAPLE 10 N18E 49.60'

NOW 12" H. MAPLE AT N18E - 49.60' SCRIBE VISIBLE

BASSWOOD 18 S26E 10.32'

NOW 17" B. WOOD AT S28E 10.32' SCRIBE VISIBLE

RED OAK 20 S79W 36.52'

NOW 19" R. OAK AT S83W - 36.52' SCRIBE OVERGROWN

MAPLE 12 N41W 102.61'

NOW 16" H. MAPLE AT N37W 102.61' SCRIBE VISIBLE

ALL TREES ARE ALIVE AND IN GOOD SHAPE

8-9-94 CK

8" STEEL SIGN POST 6.05' WEST $\frac{1}{4}$ /54-9

2"X2" SQUARD TUBE STEEL MONUMENT IS 4" BELOW

GROUND - 4' SW OF EDGE OF ROAD NW-SE

TO JOHN PETERSON'S HOME ON SQUAW LAKE

CORNER IS APPROX 250' SE OF HOME

BASE OF MONUMENT HAS ANCHOR

ITASCA COUNTY SET NEW STATE MONUMENT

2"X2" SQUARD TUBE WITH CAP MARKED

GOT NEW MONUMENT FROM STATE HWY.

DEPT. BEMIDJII, MN. SEPT. 1994

10. CORNER TO SECTIONS 7-8-17+18

NOTES OF ORIG. GOVT. SURVEY 1875

~~S~~ W. PINE 12" FOR CORNER POST

W. PINE 12 N28E 10 LKS. = 6.60'

CEDAR 7 S66E 10 LKS. = 6.60'

W. PINE 12 S16W 7 LKS. = 4.62'

BASSWOOD 10 N72W 10 LKS. = 6.60'

CORNER FOUND BY W. OKERMAN - JUNE 1971

COUNTY MONUMENT - FLUSH IN STUMP

WITNESSED BY

CEDAR 16 N49E 32.45' NAIL & DISC

CEDAR 12 S44E
S30E 27.70 " "

ASH 6 S25W 31.15' " "

OAK 5 N8W 11.14' " "

OTHER TIES ON CARD NOV. 13 1979

CEDAR 14 S60E 31.87'

SPRUCE 6 S63W 40.00'

CERTIFICATE FILED

12-1-80

CERTIFICATE BY WALLACE WUBBLES

RLS. STATE HWY DEPT. 12-1-80

ED. ITASCA COUNTY MONUMENT AT COR.

WITNESSES AS RECORDED ON ~~THE~~ LEFT
HAND PAGE DOCUMENT #344053

CORNER IS 77' EAST OF FR 2231 OR

ITASCA COUNTY #163

11. CORNER TO SECTIONS 20-21-28+29

NOTES OF ORIG. GOV'T. SURVEY 1875

SET WOOD POST

TAM. 7 SOUTH 7.80 LKS = 514.80'

NO OTHER TREES

874 By ROY NELSON 3-27-35

FOUND POST (SCRIBED) IN GOOD CONDITION

32" LONG OR HIGH - NO BT'S FOUND

FSLP ON FENCE CORNER POST - IN MARSH

STATE HWY. DEPT. HAS MONUMENTED THIS COR.

SURVEY BY R.F. SCHNEIDER RLS. WALKER, MN.

FROM HIS SURVEY OF SEC. 28 DEL. 1978

Fd. SQUARD WOOD POST WITH SCRIBING

EAST RANDOM BET. 21+28

9.50 CHS. = 627.0' STREAM 10 LKS. WIDE - FLOWS NW

NORTH BET. 20+21

7.50 CHS. = 495.0' STREAM 10 LKS. WIDE - FLOWS NW

QUARTER CORNER BET SEC'S. 21+28

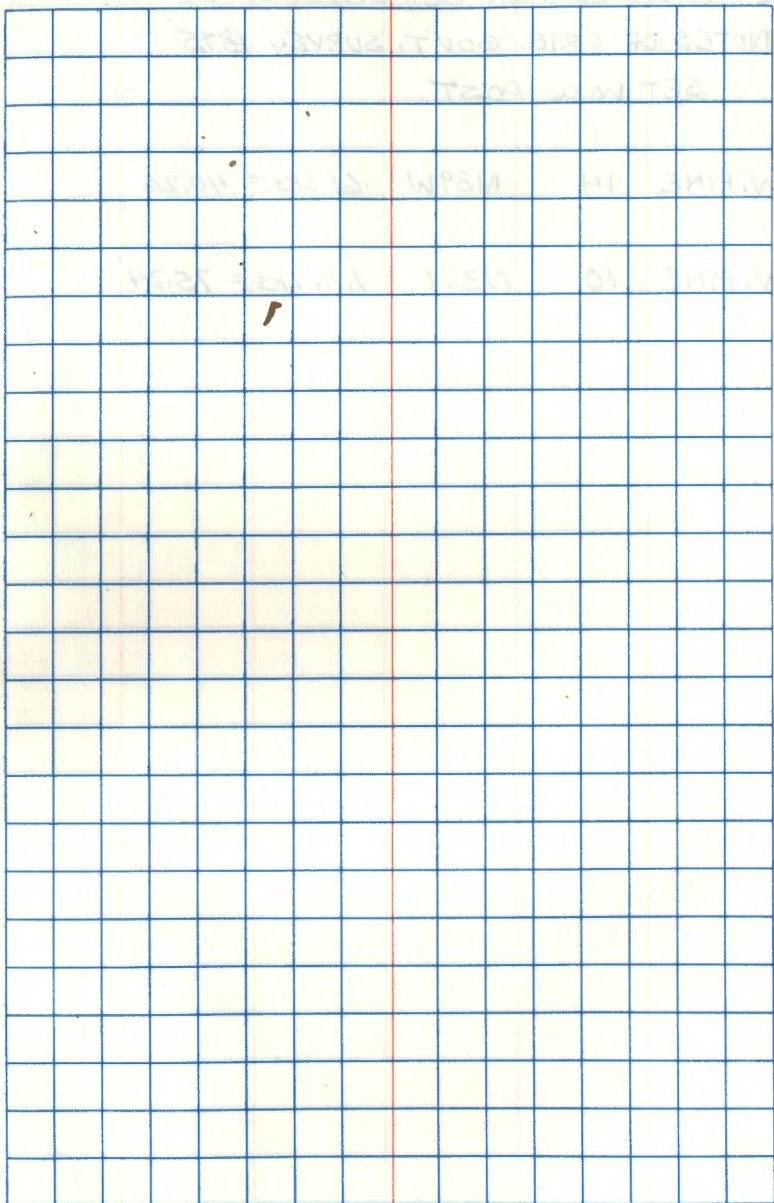
NOTES OF ORIG. GOV'T. SURVEY 1875

SET WOOD POST

TAM. STUB 4 N18W 29 LKS. = 19.14'

TAM. STUB 5 S6E 64 LKS. = 42.24'

2003 CORNER CERT BY ITASCA COUNTY



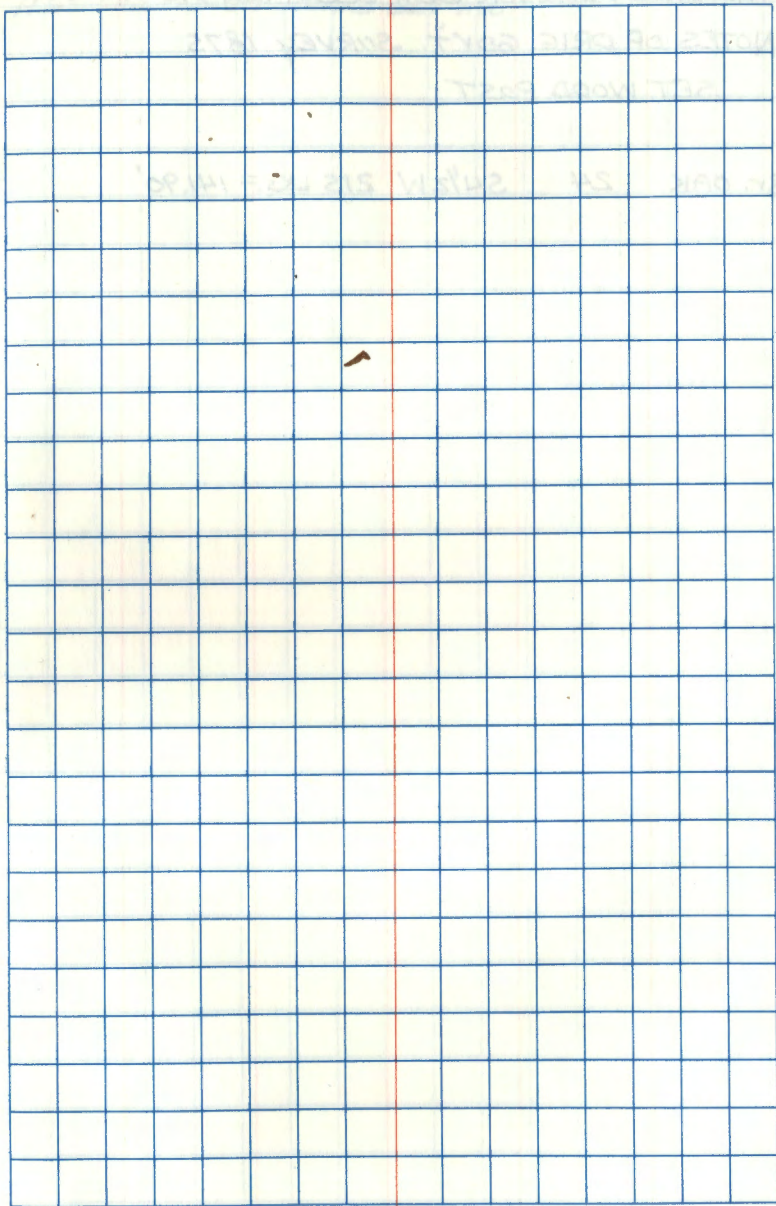
QUARTER CORNER BET. SEC'S. 21+22

NOTES OF ORIG. GOV'T. SURVEY 1875

SET WOOD POST

W. PINE 14 N89W 61 LKS. = 40.26'

W. PINE 10 N30E 1.14 LKS. = 75.24'



14

MEANDER CORNER BET. SEC'S. 16+17

NOTES OF ORIG. GOV'T. SURVEY 1875

SET WOOD POST

Br. OAK 24 S4½W 215 LKS. = 141.90'

NORTH BET. SEC'S. 16+17

9.00 CHS. = 594' ENTER MARSH

11.65 CHS. = 768.9' LAKE SET M.C.

14

15

EAST SHORE

MEANDER CORNER, BET SEC'S. 9+16

NOTES OF ORIG. GOV'T. SURVEY 1875

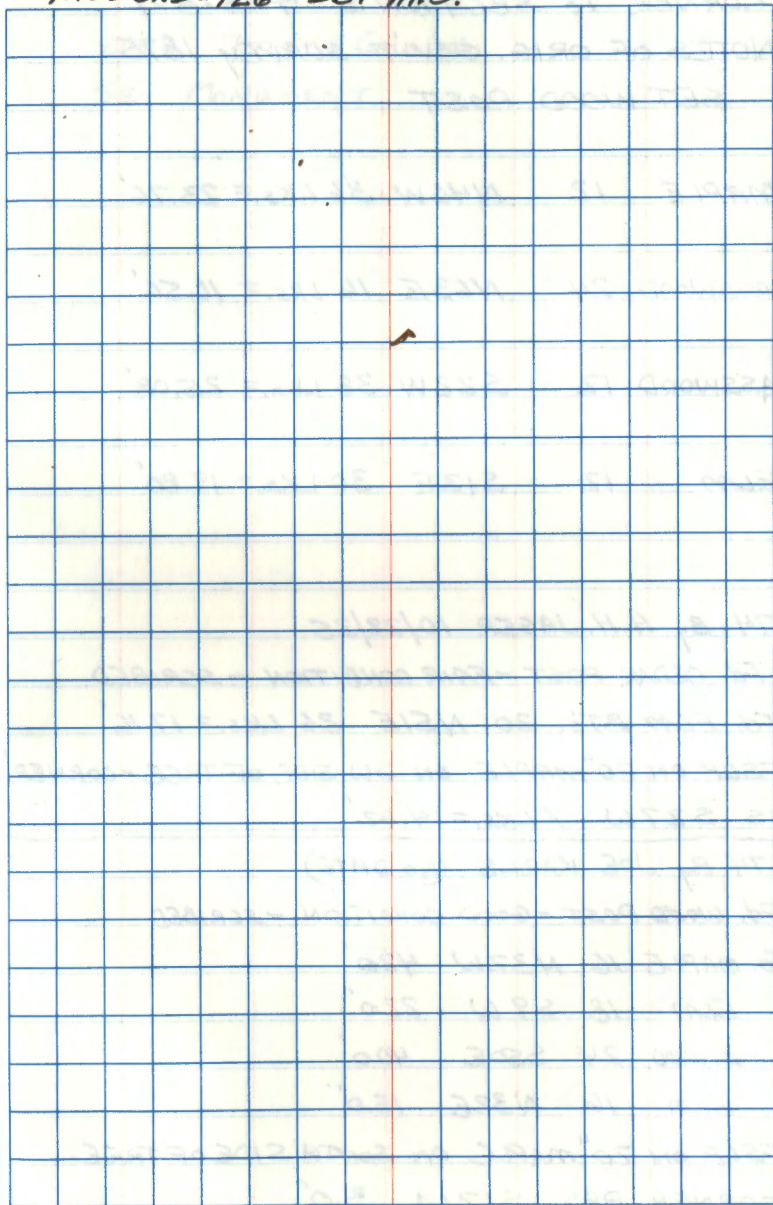
SET WOOD POST

BR. OAK 12 N55W 9.20 LKS. = 607.2'

WEST TRUE BET SEC'S. 9+16

15

11.00 CHS = 726' - SET M.C.



EAST SHORE

CORNER TO SECTIONS 4-5-8-9
 NOTES OF ORIG. GOV'T SURVEY 1875
 SET WOOD POST

MAPLE 12 N46W 36 Lks. = 23.76'

BASSWOOD 24 N63E 16 Lks. = 10.56'

BASSWOOD 12 S22W 38 Lks. = 25.08'

ELM 12 S13E 30 Lks. = 19.80'

874 By A.H. JAGER 10/28/35

Fd. CEDAR POST - FAIR CONDITION - SCRIBED

Fd. ELM BT's. 20 N51E 26 Lks. = 17.16'

FSLP ON 20" MAPLE ON SW SIDE OF TREE - CORNER
 IS S27W 7 Lks. = 4.62'

874 By JOE KARLS (NO DATE)

Fd. WOOD POST - GOOD CONDITION - SCRIBED

Fd. MAPLE 16 N32W 42.0'

ELM 18 S9W 22.0'

B. WOOD 24 S50E 40.0'

ELM 16 N32E 15.0'

FSLP ON 20" MAPLE ON SOUTH SIDE OF TREE
 CORNER BRG, S12W 3.0'
 BLAZED LINES N-S-E-W

2002 ITASCA COUNTY
 SET MONUMENT

QUARTER CORNER BET. SEC'S. 28+33

ORIG. GOV'T. SURVEY 1875

SET WOOD POST

TAM. 5 N13E 13 LKS. = 8.58'

TAM. 4 S26E 165 LKS. = 108.90'

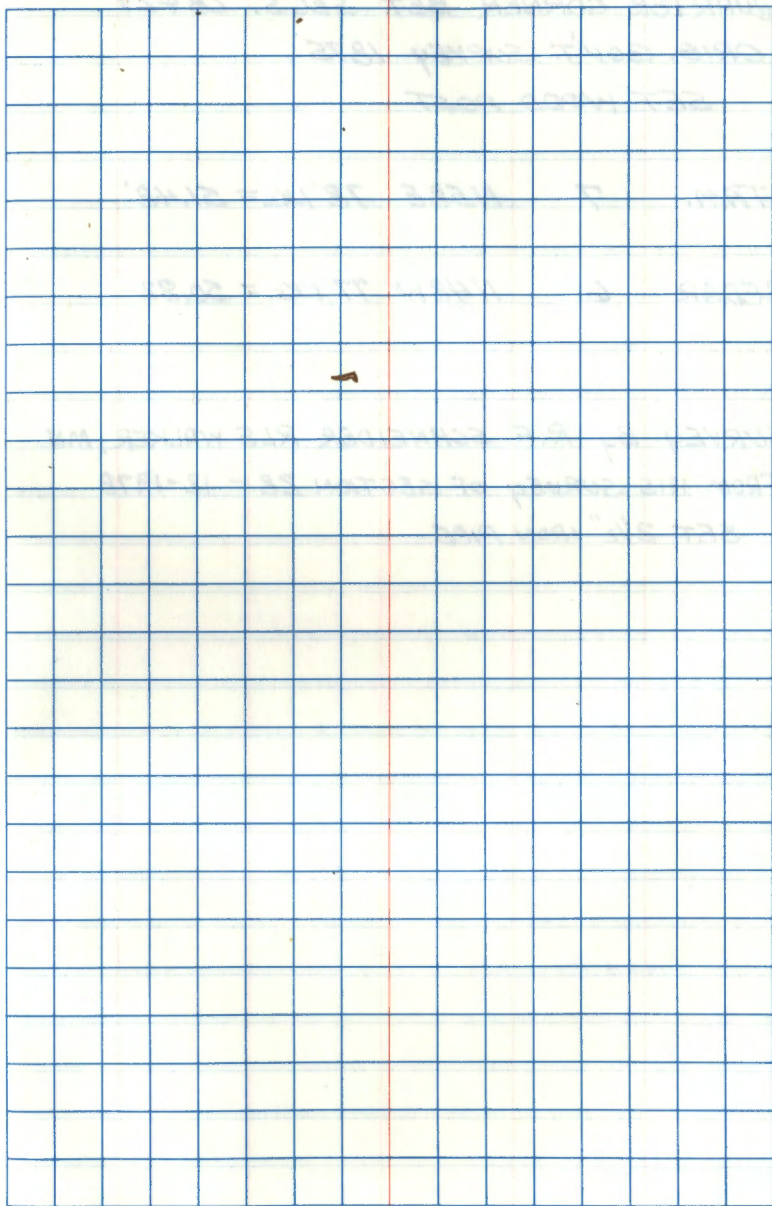
874 YELLOW SLIP NO DATE OR NAME 1936

Fd. 3" TAM STAKE

Fd. 8" TAM. STUB CUT OFF 5' HIGH SCRIBED

1/4 SBT - IN CLEARING OF PASTURE FENCE

BEARS N10E-9ft.



QUARTER CORNER BET. SEC'S. 28+29

ORIG. GOV'T. SURVEY 1875

SET WOOD POST

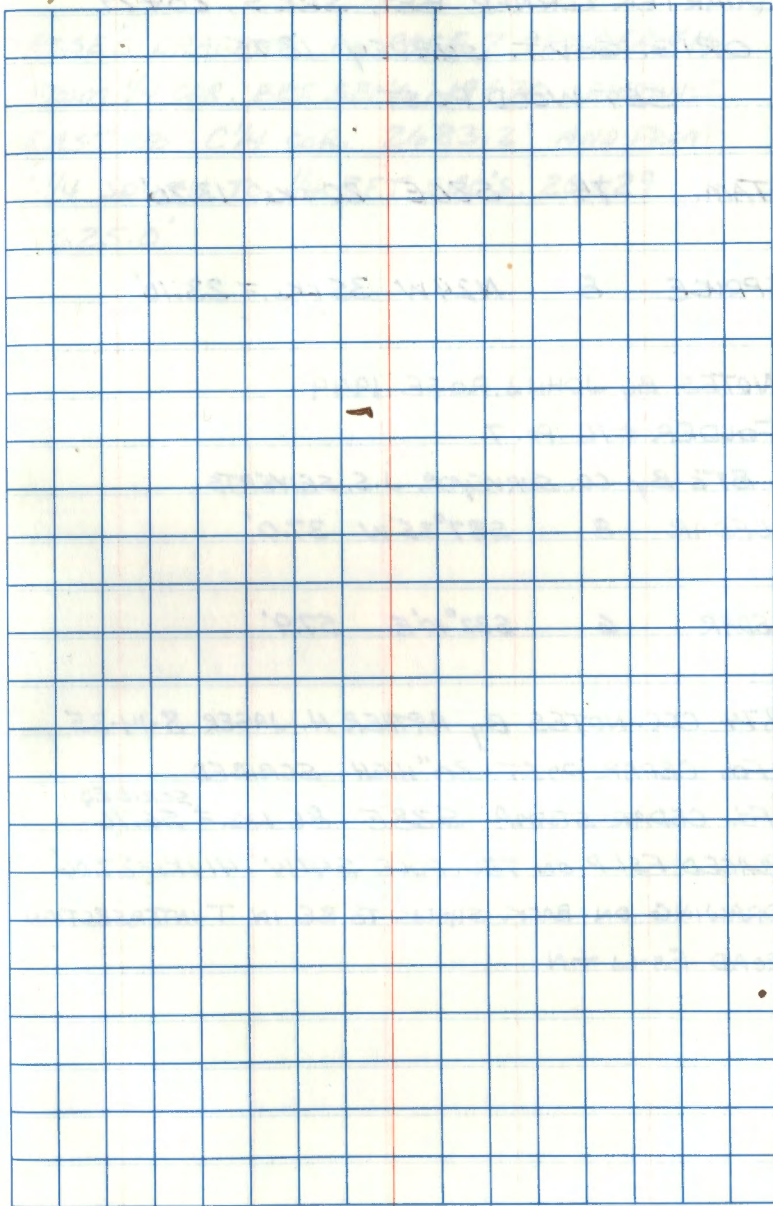
TAM. 7 N58E 78 Lks. = 51.48'

CEDAR 6 N48W 77 Lks. = 50.82

SURVEY BY R.F. SCHNEIDER RLS WALKER, MN.

FROM HIS SURVEY OF SECTION 28 - 12-1978

SET 2 1/2" IRON PIPE



QUARTER CORNER BET. SEC'S. 20+29

ORIG. GOV'T. SURVEY 1875

SET WOOD POST

TAM. 14 S86E 20 Lks. 13.20'

SPRUCE 8 N24W 35 Lks. = 23.10'

NOTES BY JOHN J. ROSE 1949

FOLDER #16 Pg. 7

BT'S BY CO. SURVEYOR J.S. SEIVERTS

CEDAR 8 S87°35'W 37.0'

CEDAR 6 S32°10'E 57.9'

874 CCC NOTES BY ARTHUR H. JAGER 8-14-35

FD. CEDAR POST 30" HIGH SCRIBED

FD. CEDAR STUMP S28E 86 Lks. = ^{SCRIBED} 56.76

PLACED FSLP ON TEL. POLE S41W 41 Lks. = 27.06'

DRAWING ON BACK SHOWS TO BE IN T INTERSECTION

ROAD E+W+N

ROSE'S DRAWING ON PAGE 7 - FOLDER #16
FROM 1/4 COR. BET. SEC'S. 19+20 - DISTANCE
EAST TO C 1/4 COR. 2683.2' AND FROM
C 1/4 SOUTH TO 1/4 BET. SEC'S. 20+29
2625.0'

MEANDER CORNER BET. SEC'S. 29+30

ORIG. GOV'T. SURVEY 1875

SET WOOD POST

CEDAR 6 S15E 30 LKS. = 19.80'

SPRUCE 6 S85E 30 LKS. 19.80'

874 CCC NOTES BY ARTHUR H. JAGER 8-15-35

Fd. CEDAR POST 30" HIGH SCRIBED

Fd. CEDAR STUMP S8E 28 LKS. = 18.48' SCRIBED

PLACE FSLP ON BIRCH 4 S9E 25 LKS. = 16.5'

NOTES BY JOHN J. ROSE RLS 7-28-48

FOLDER 12 PAGE 57

Fd. ORIG. POST WIRED TO A BIRCH TREE

POST WASHED OUT BY HIGH WATER

SET STEEL FENCE POST FOR MC

WITNESSED BY

ASH 4 S16°40'W 15.6'

ELM 10 N74°20'E 14.7'

DISTANCE BY ROSE BET. SEC'S. 29+30

2528.5 OR 1222.5' NORTH OF 5 1/16 29-30

NORTH BET. SEC'S. 29-30

ORIG. DISTANCE 39.25 CHS. = 2590.5'

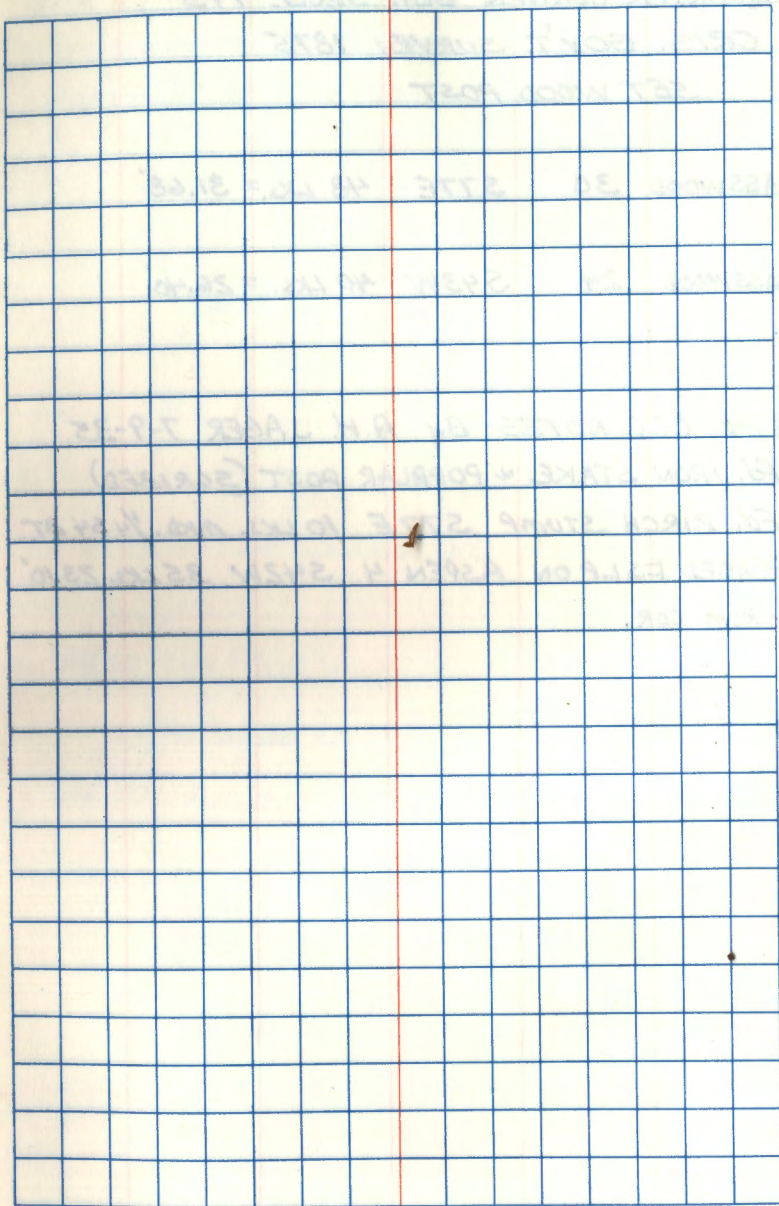
QUARTER CORNER BET. SEC'S. 17+20

ORIG. GOV'T. SURVEY 1875

SET WOOD POST

ASH 14 S63W 86 LKS. = 56.76'

ASH 14 WEST 160 LKS. = 105.60'



QUARTER CORNER BET. SEC'S. 445

ORIG. GOV'T. SURVEY 1875

SET WOOD POST

BASSWOOD 30 S77E 48 LKS. = 31.68'

BASSWOOD 24 S43W 40 LKS. = 26.40'

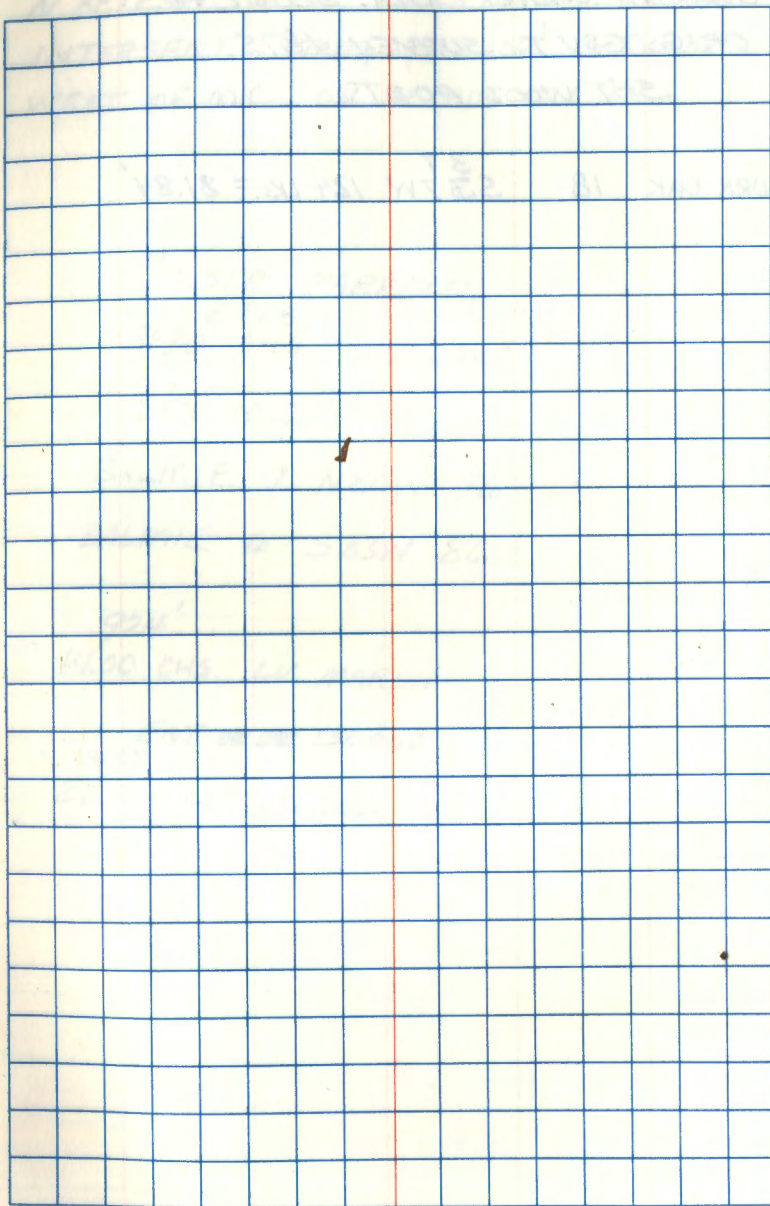
874 CCC NOTES BY A.H. JAGER 7-9-35

FD. IRON STAKE & POPLAR POST (SCRIBED)

FD. BIRCH STUMP S77E 10 LKS. MKD. 1/4 S4 BT

PLACED E S L P ON ASPEN 4 S42W 35 LKS. 23.10'

FROM COR.



CLOSING CORNER BET. SEC'S. 4+5

ORIG. GOV'T. SURVEY 1875

SET WOOD POST

BURR OAK 18 $S\overset{37}{37}W$ 124 LKS. = 81.84'

N BET. SEC'S 4+5 81.25 CHS. = 5362.5'

INTERSECT STANDARD LINE 45 LKS.

WEST OF M.C. ON W SIDE OF LAKE

12th STD. PARALLEL

877.8'

13.30 CHS. LV. LAKE

SET M.C.

BALMIE 7 NBOW 76

BALMIE 6 S83W 86

924'

14.00 CHS. LV. MARSH

ENT ~~TO~~ ISLAND

1452'

22.00 LV. ISLAND

24 WEST SHORE

MEANDER CORNER BET. SEC'S. 4+9

ORIG. GOV'T. SURVEY 1875.

SET WOOD POST

BASSWOOD 12 S84W 174 LKS = 114.84'

ELM 8 N83W 169 LKS = 111.54'

24

EAST TRUE LINE BET. SEC'S. 4+9

11.00 CHS. OR 726'

25

EAST SHORE

MEANDER CORNER BET. SEC'S. 4+9

ORIG. GOV'T. SURVEY 1875

SET WOOD POST

OAK 12 NORTH 46 LKS. = 30.36

OAK 8 S29E 57 LKS. = 37.62'

25

WEST TRUE LINE BET. SEC'S. 4+9

38.00 CHS. OR 2508'

26

QUARTER CORNER, BET. SECS. 2+11

ORIG. GOVT. SURVEY 1875

SET WOOD POST

ASPEN 8 N76W 14 LKS. 9.24'

ASPEN 4 S56E 7 LKS. 4.62'

CERTIFICATE FILED

26

27

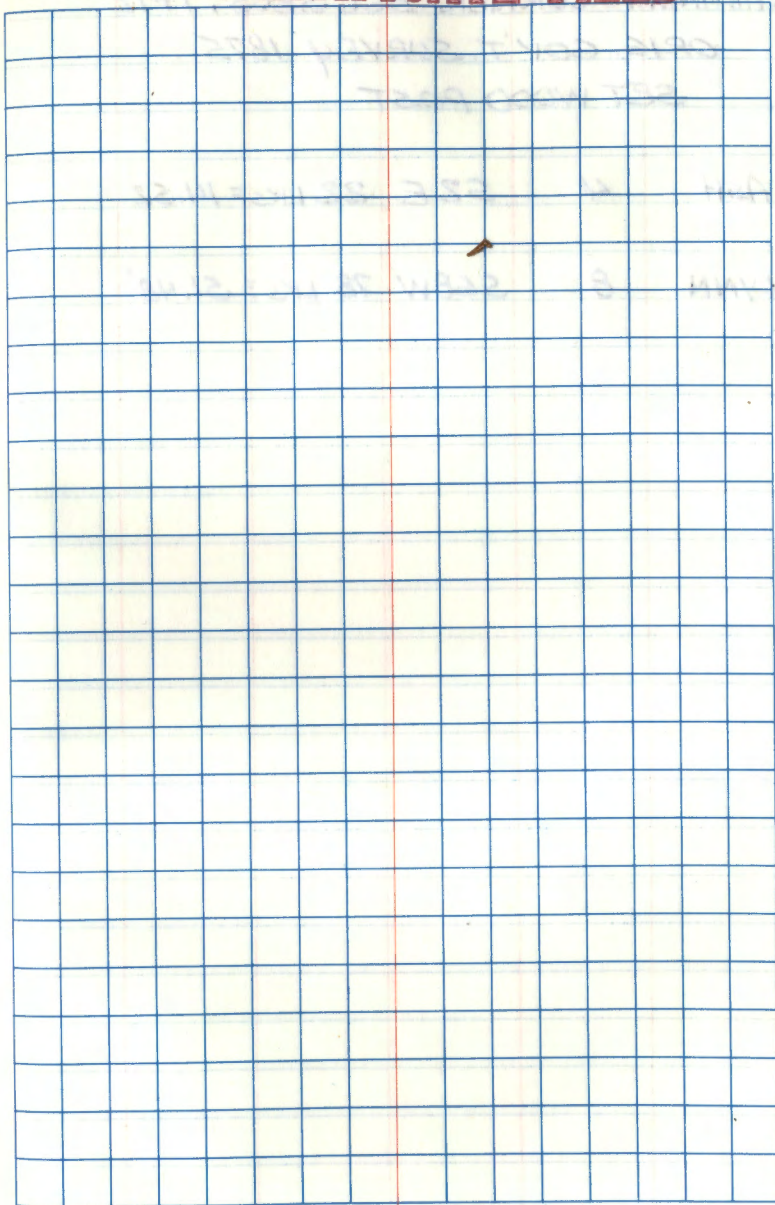
QUARTER CORNER BET. SEC'S, 1+12
ORIG. GOV'T. SURVEY 1875
SET WOOD POST

ELM 8 S89E 13.40CHS. = 884.40'

NO OTHER

CERTIFICATE FILED

27



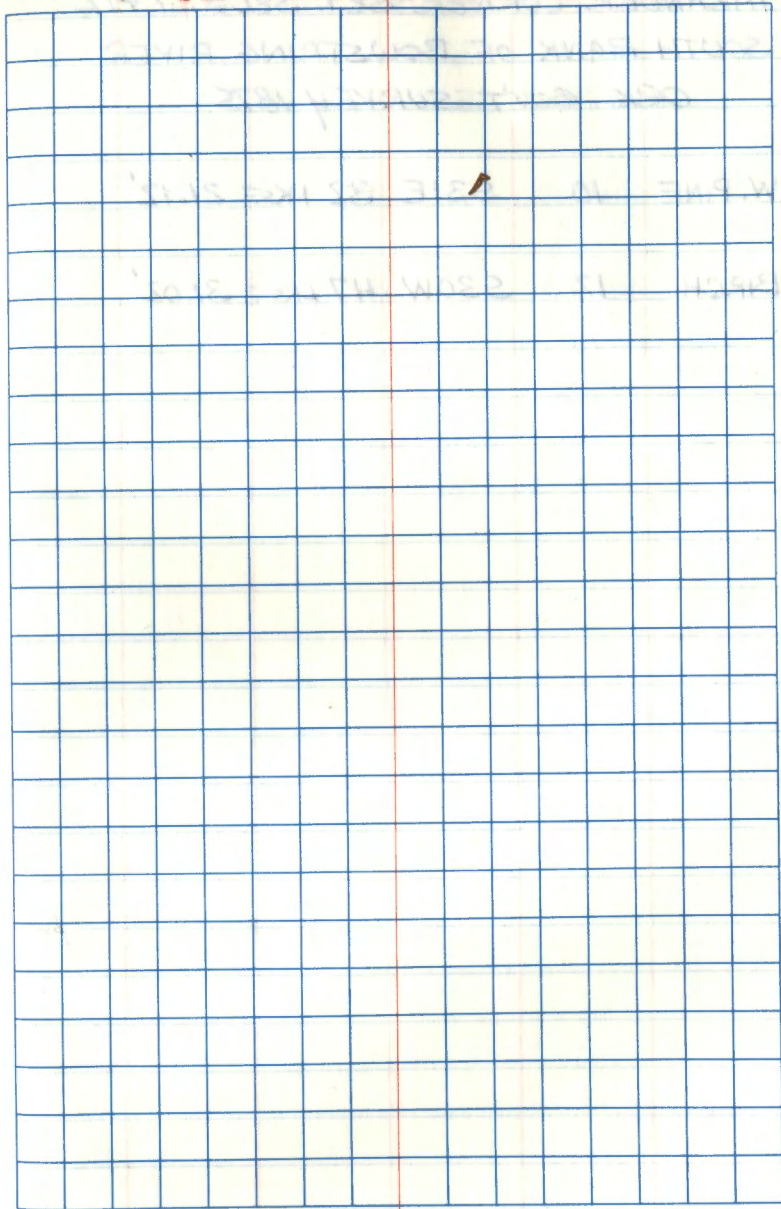
MEANDER CORNER BET. SECS. 1 & 12

ORIG. GOV'T. SURVEY 1875

SET WOOD POST

ASH 4 S2E 22 LKS = 14.52'

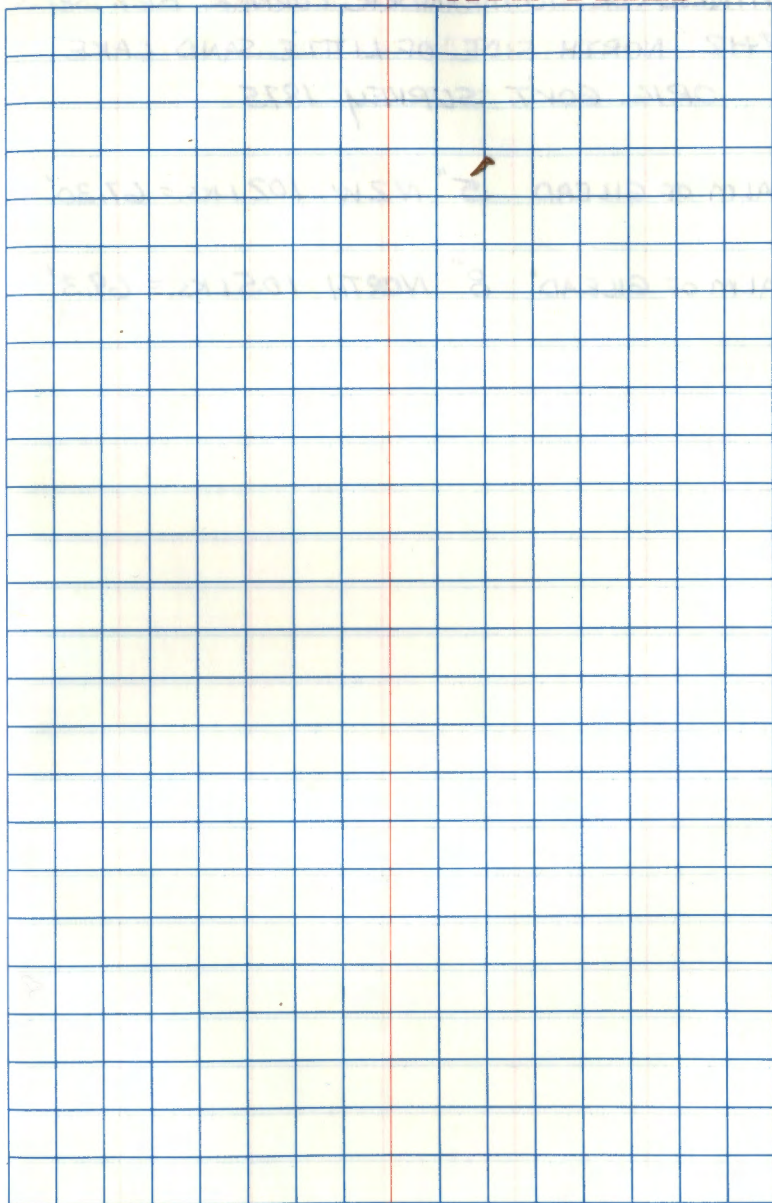
LYNN 8 S68W 78 LKS = 51.48'



MEANDER CORNER, BET. SEC'S. 7+12
 SOUTH BANK OF BOWSTRING RIVER
 ORIG. GOV'T. SURVEY 1875

W. PINE 10 S31E 32 LKS = 21.12'

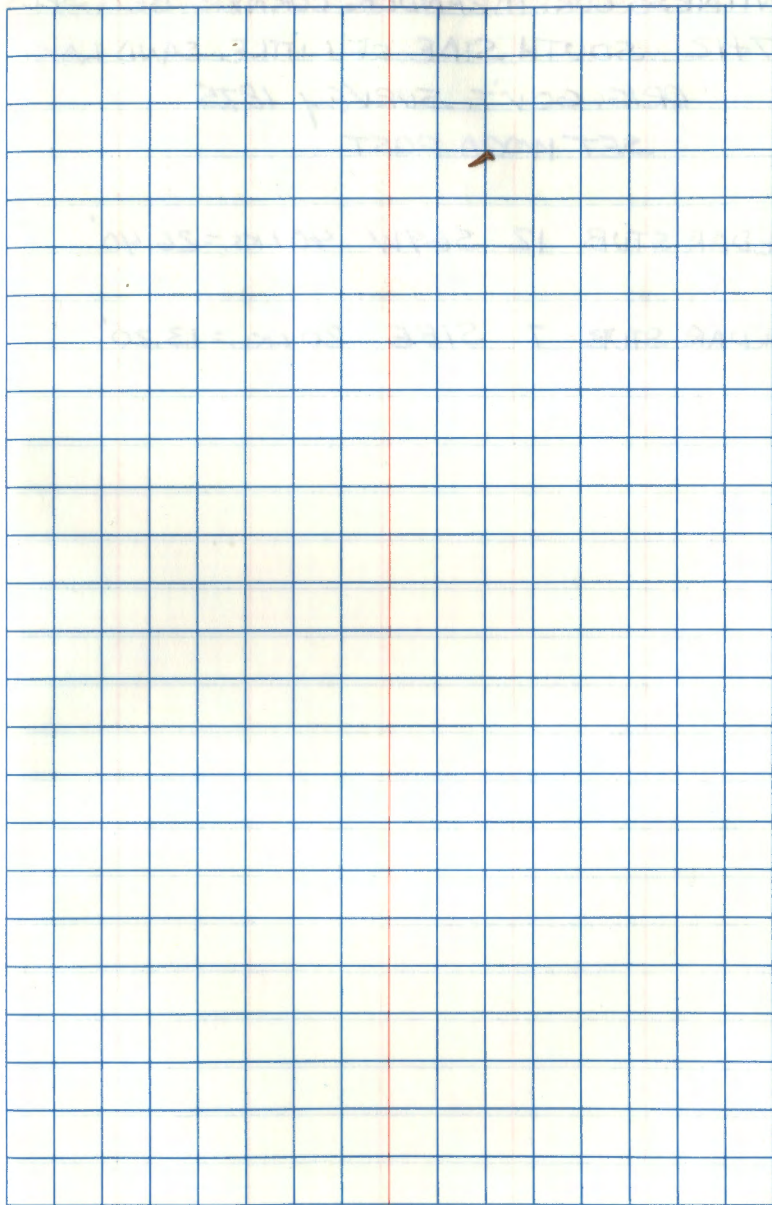
BIRCH 12 S30W 47 LKS = 31.02'



WITNESS COR. TO MEANDER CORNER BET SEC'S,
 7+1/2 NORTH SIDE OF LITTLE SAND LAKE
 ORIG. GOV'T. SURVEY 1875

BALM OF GILEAD 5" N2W 102 LKS. = 67.30'

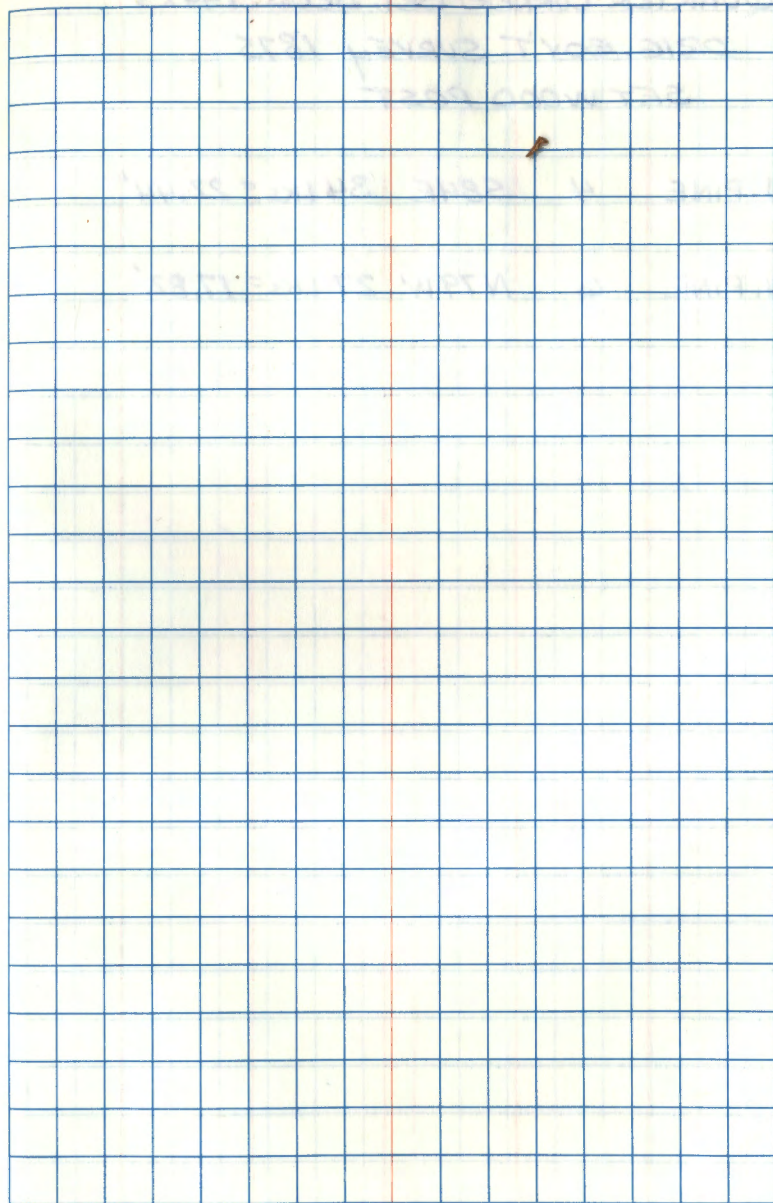
BALM OF GILEAD 8" NORTH 105 LKS. = 69.3'



WITNESS COR. MEANDER CORNER BET. SEC'S.
7 & 12 SOUTH SIDE OF LITTLE SAND LAKE
ORIG. GOV'T. SURVEY 1875
SET WOOD POST

CEDAR STUB 12 S69W 40 LKS. = 26.40'

CEDAR STUB 7 S18E 20 LKS. = 13.20'



CORNER TO SECTIONS 14-15-22-23

ORIG. GOVT. SURVEY 1875

SET WOOD POST

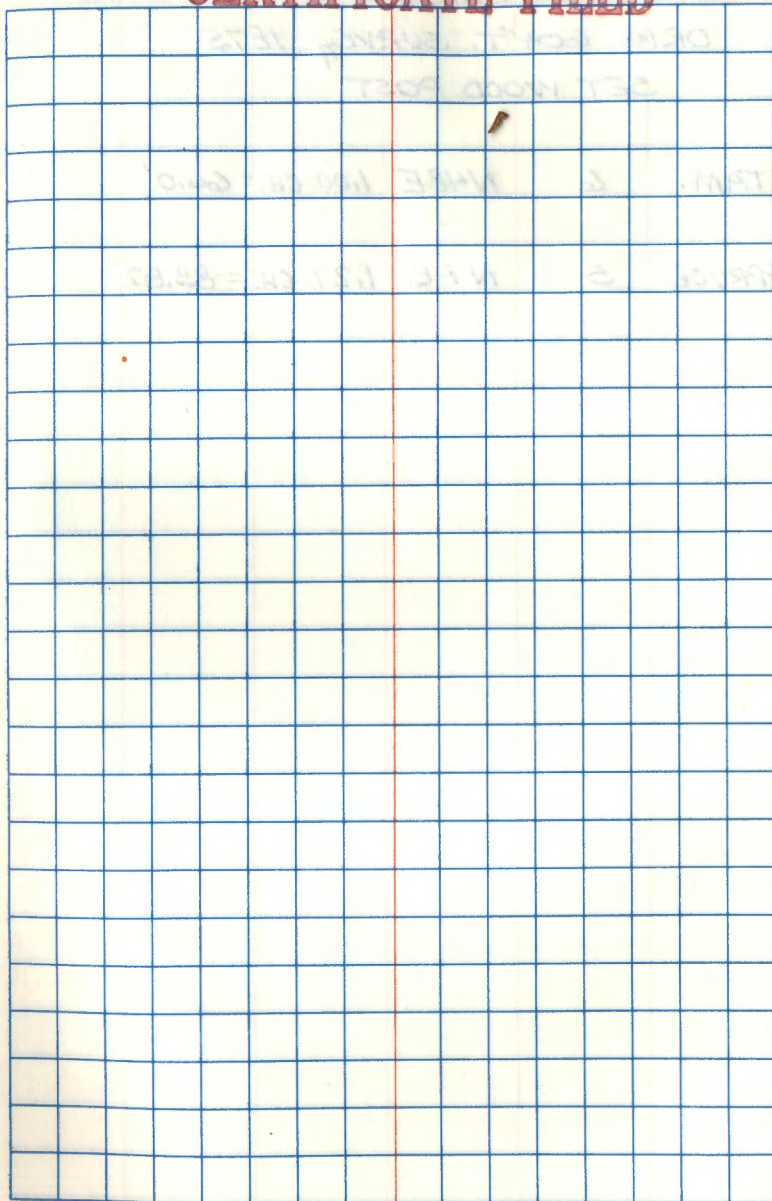
ASPEN 8 N61W 13 LKS = 8.58'

ASPEN 6 S33W 58 LKS = 38.28'

TAM. 8 S26E 74 LKS = 48.84'

BALM OF GILEAD 6 N10E 81 LKS = 53.5

CERTIFICATE FILED



34

QUARTER CORNER, BET. SEC'S, 22+23

ORIG. GOV'T. SURVEY 1875

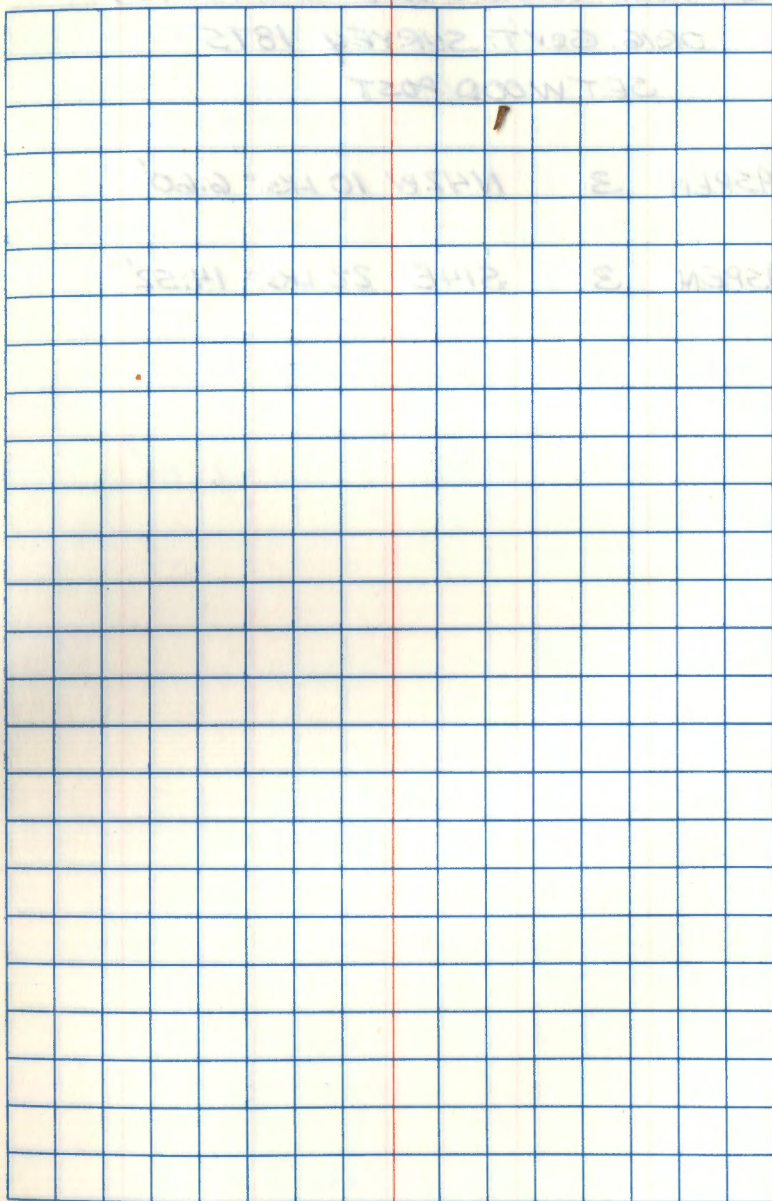
SET WOOD POST

TAM. 6 N48E 1.00 CH. = 66.0'

SPRUCE 5 N1E 1.27 CH. = 83.82'

CERTIFICATE FILED

34



37

QUARTER CORNER BET. SEC'S, 26 & 27

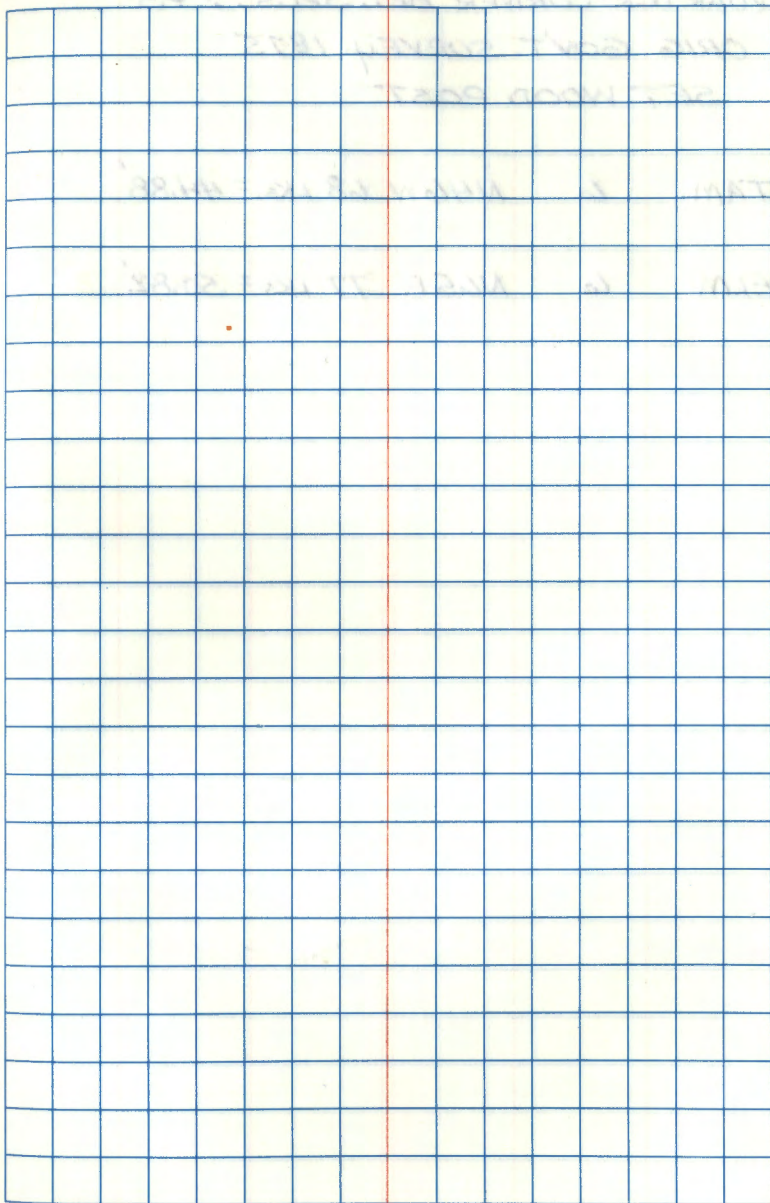
ORIG. GOV'T. SURVEY 1875

SET WOOD POST

OAK 5 SW 145 LKS. = 95.70'

BALM OF GILEAD 8 S11E 123 LKS. = 81.18'

37



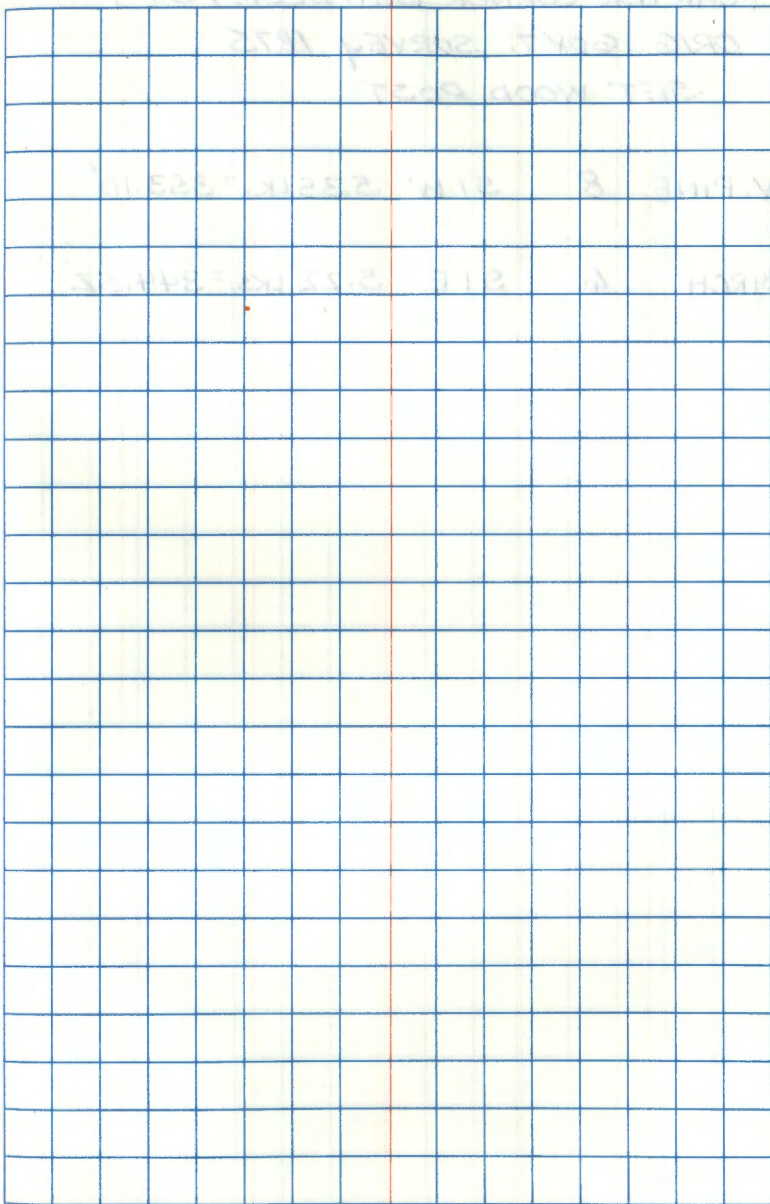
QUARTER CORNER BET. SEC'S, 243

ORIG GOV'T. SURVEY 1875

SET WOOD POST

TAM. 6 N46W 68 LKS. = 44.88'

ELM 6 N65E 77 LKS. = 50.82'



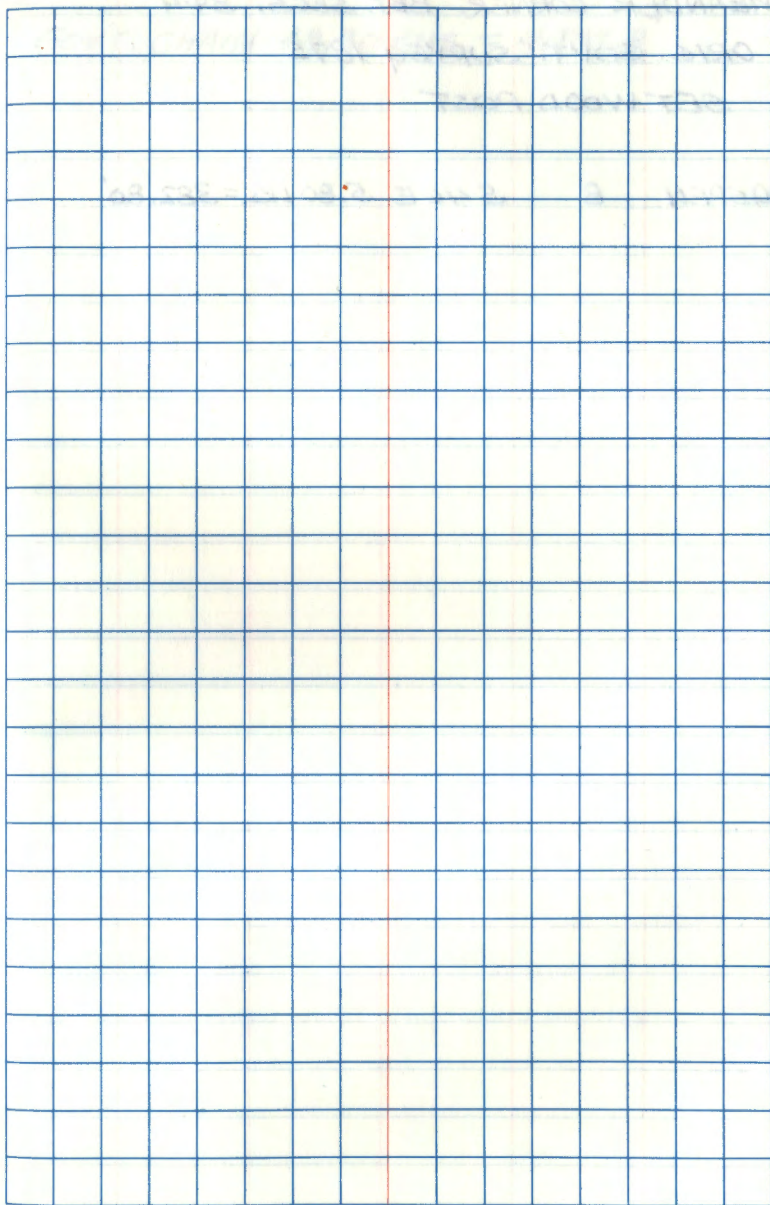
QUARTER CORNER BET. SEC'S, 3+4

ORIG. GOV'T. SURVEY 1875

SET WOOD POST

W. PINE 8 SIW 5.35 LKS. = 353.10'

BIRCH 6 SIE 5.22 LKS. = 344.52'



MEANDER CORNER BET. SECS. 344

ORIG. GOVT. SURVEY 1875

SET WOOD POST

ASPEN 8 S46E 5.80 LKS. = 382.80'

GOVT. CHAIN 68.30 CHS. = 4507.8'

41 J-6,7

POINT ON LINE SECTION $\frac{8}{17}$

1875 BC BALDWIN

SET WOOD POST FOR MC

TAMARACK 10 S89W 165 IKS 108.9

TAMARACK 8" N89W 110 IKS 72.6

41

2002 ITASCA COUNTY DOC #536590

SET MONUMENT FOR POL

NORTHWEST 1/16 SECTION 8

1916 TUOMI Rd SURVEY A.W. NELSON ITASCA CO

W PINE 24" S46°E 69.1

BIRCH 8" N23°E 71.0

2-6-91 FORDHAM

Fd 1916 BTS. ON 5-10-91 PLACE SAIKE IN

EAST TRACK OF OLD ROAD WITNESS WITH

BALM OF GILEAD SE 11.00 TO NAIL

BALM OF GILEAD NE 13.35 TO NAIL

2-1-2002 CERT OF SURVEY ITASCA COUNTY

RETRACEMENT OF TUOMI Rd SURVEY.

SET 1/2" X 2 FT REBAR FROM 1926 TIES

5-10-06 R MAIN

FIND REBAR AND GPS SAME. 1916 BTS ARE

STILL THERE.

54
EAST ONE SIXTEENTH SECTION $\frac{10}{15}$

5-7-07 R. MAIN J. SCHOONOVER

SET SPIKE IN ROOT OF BIRCH CLUMP MIDPOINT
ON LINE BETWEEN $\frac{1}{4}$ $\frac{10}{15}$ AND SECTION CORNER $\frac{10}{15}$
CORNER IN MIXED HARDWOODS $\pm 15'$ WEST OF
WAS TRAIL AND $\pm 50'$ SOUTH OF WAS TRAIL
WITNESS SPIKE WITH

W OAK 10" N52°W 25.94 FT TO SPK MKD $\frac{10}{15}$ S10 BT

W OAK 8" N83°E 33.35 FT TO SPK MKD $\frac{10}{15}$ S10 BT

8 FT STEEL SIGN POSTS 3.3 FT EAST 4.6 FT WEST
GPS ED SPIKE

9-12-07 M. HAYES R. MAIN - at the position of spike

SET 3' 8" LONG X 1" DIA IRON PIPE 3" ABOVE
GROUND WITH 2" ALUMINUM CAP STAMPED

T148 N R27W IRON ON NORTH SIDE BIRCH STUMP
E $\frac{10}{15}$ S10
315 and South side of a large below
2007 ground boulder.
USFS

Certificate of Survey for above filed 10/23/2008
as document A000627223 M. Hayes

END OF

BOOK 2