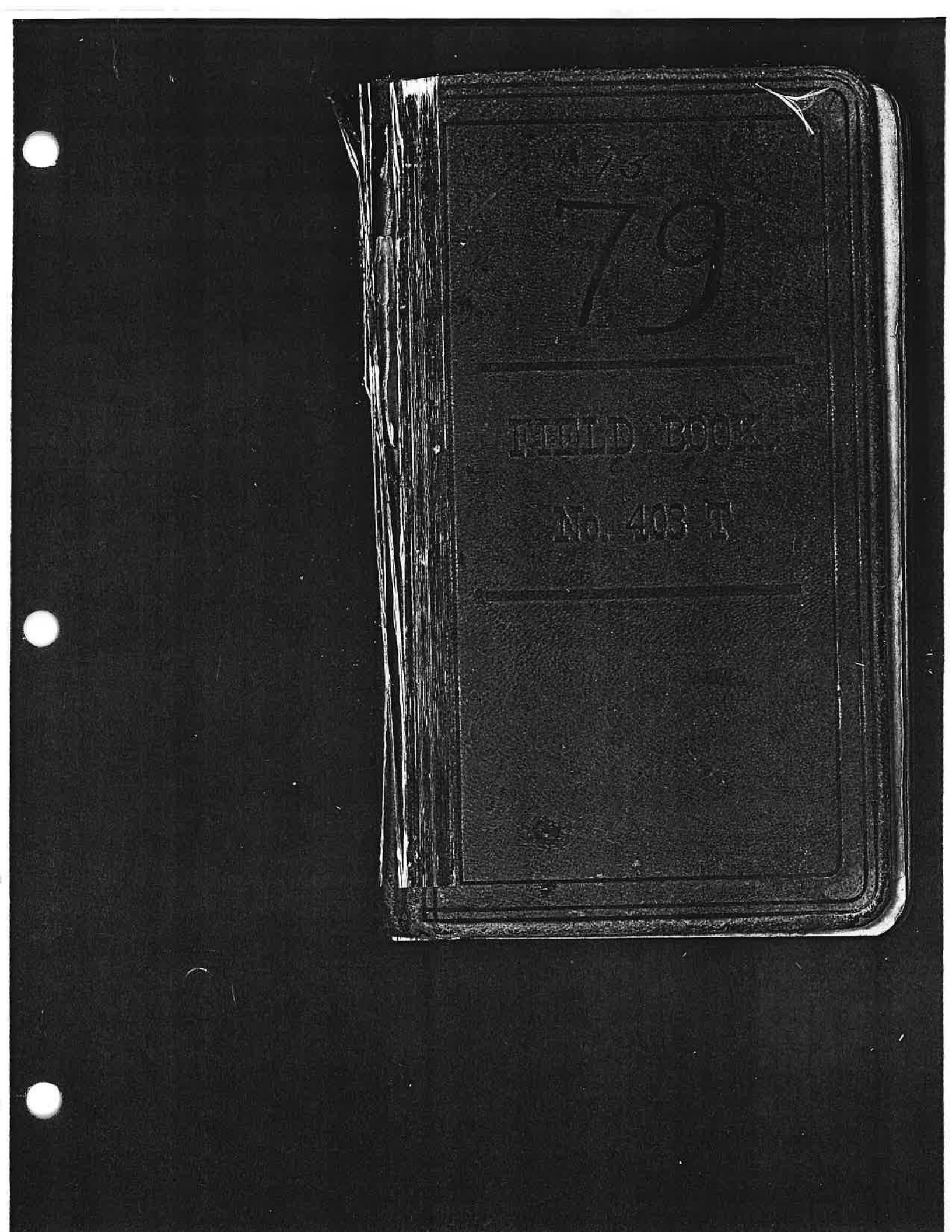
# Field Book #79


79
FIELD BOOK
No. 403 R

EUGENE DIETZGEN CO.,

Drawing Materials and Surveying Instruments

NEW YORK. CHICAGO. SAN FRANCISCO

# TABLES FOR EXCAVATIONS AND EMBANKMENTS

DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTION

ROADWAY 20 FEET WIDE. SIDE SLOPES 1 TO 1.

FOR SINGLE TRACK EXCAVATION.

Copyright, 1902. No. 30340.

| | 0 | .1 | .2 | .3 | .4 | .5 | .6 | .7 | .8 | .9 |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 10.0 | 10.1 | 10.2 | 10.3 | 10.4 | 10 5 | 10.6 | 10.7 | 10.8 | 10.9 |
| 1 | 11.0 | 11.1 | 11.2 | 11.3 | 11.4 | 11.5 | 11.6 | 11.7 | 11.8 | 11.9 |
| 2 | 12.0 | 12.1 | 12.2 | 12.3 | 12.4 | 12.5 | 12.6 | 12.7 | 12.8 | 12.9 |
| 3 | 13.0 | 13.1 | 13.2 | 13.3 | 13.4 | 13.5 | 13.6 | 13.7 | 13.8 | 13.9 |
| 4 | 14.0 | 14.1 | 14.2 | 14.3 | 14.4 | 14.5 | 14.6 | 14.7 | 14.8 | 14.9 |
| 5 | 15.0 | 15.1 | 15.2 | 15.3 | 15.4 | 15.5 | 15.6 | 15.7 | 15.8 | 15.9 |
| 6 | 16.0 | 16.1 | 16.2 | 16.3 | 16.4 | 16.5 | 16.6 | 16.7 | 16.8 | 16.9 |
| 7 | 17.0 | 17.1 | 17.2 | 17.3 | 17.4 | 17.5 | 17.6 | 17.7 | 17.8 | 17.9 |
| 8 | 18.0 | 18.1 | 18.2 | 18.3 | 18.4 | 18.5 | 18.6 | 18.7 | 18.8 | 18.9 |
| 9 | 19.0 | 19.1 | 19.2 | 19.3 | 19.4 | 19.5 | 19.6 | 19.7 | 19.8 | 19.9 |
| 10 | 20.0 | 20.1 | 20.2 | 20.3 | 20.4 | 20.5 | 20.6 | 20.7 | 20.8 | 20.9 |
| 11 | 21.0 | 21.1 | 21.2 | 21.3 | 21.4 | 21.5 | 21.6 | 21.7 | 21.8 | 21.9 |
| 12 | 22.0 | 22.1 | 22.2 | 22.3 | 22.4 | 22.5 | 22.6 | 22.7 | 22.8 | 22.9 |
| 13 | 23.0 | 23.1 | 23.2 | 23.3 | 23.4 | 23.5 | 23.6 | 23.7 | 23.8 | 23.9 |
| 14 | 24.0 | 24.1 | 24.2 | 24.3 | 24.4 | 24.5 | 24.6 | 24.7 | 24.8 | 24.9 |
| 15 | 25.0 | 25.1 | 25.2 | 25.3 | 25.4 | 25.5 | 25.6 | 25.7 | 25.8 | 25.9 |
| 16 | 26.0 | 26.1 | 26.2 | 26.3 | 26.4 | 26.5 | 26.6 | 26.7 | 26.8 | 26.9 |
| 17 | 27.0 | 27.1 | 27.2 | 27.3 | 27.4 | 27.5 | 27.6 | 27.7 | 27.8 | 27.9 |
| 18 | 28.0 | 28.1 | 28.2 | 28.3 | 28.4 | 28.5 | 28.6 | 28.7 | 28.8 | 28.9 |
| 19 | 29.0 | 29.1 | 29.2 | 29.3 | 29.4 | 29.5 | 29.6 | 29.7 | 29.8 | 29.9 |
| 20 | 30.0 | 30.1 | 30.2 | 30.3 | 30.4 | 30.5 | 30.6 | 30.7 | 30.8 | 30.9 |
| 21 | 31.0 | 31.1 | 31.2 | 31.3 | 31.4 | 31.5 | 31.6 | 31.7 | 31.8 | 31.9 |
| 22 | 32.0 | 32.1 | 32.2 | 32.3 | 32.4 | 32.5 | 32.6 | 32.7 | 32.8 | 32.9 |
| 23 | 33.0 | 33.1 | 33.2 | 33.3 | 33.4 | 33.5 | 33.6 | 33.7 | 33.8 | 33.9 |
| 24 | 34.0 | 34.1 | 34.2 | 34.3 | 34.4 | 34.5 | 34.6 | 34.7 | 34.8 | 34.9 |
| 25 | 35.0 | 35.1 | 35.2 | 35.3 | 35.4 | 35.5 | 35.6 | 35.7 | 35.8 | 35.9 |
| 26 | 36.0 | 36.1 | 36.2 | 36.3 | 36.4 | 36.5 | 36.6 | 36.7 | 36.8 | 36.9 |
| 27 | 37.0 | 37.1 | 37.2 | 37.3 | 37.4 | 37.5 | 37.6 | 37.7 | 37.8 | 37.9 |
| 28 | 38.0 | 38.1 | 38.2 | 38.3 | 38.4 | 38.5 | 38.6 | 38.7 | 38.8 | 38.9 |
| 29 | 39.0 | 39.1 | 39.2 | 39.3 | 39.4 | 39.5 | 39.6 | 39.7 | 39.8 | 39.9 |
| 30 | 40.0 | 40.1 | 40.2 | 40.3 | 40.4 | 40.5 | 40.6 | 40.7 | 40.8 | 40.9 |
| 31 | 41.0 | 41.1 | 41.2 | 41.3 | 41.4 | 41.5 | 41.6 | 41.7 | 41.8 | 41.9 |
| 32 | 42.0 | 42.1 | 42.2 | 42.3 | 42.4 | 42.5 | 42.6 | 42.7 | 42.8 | 42.9 |
| 33 | 43.0 | 43.1 | 43.2 | 43.3 | 43.4 | 43.5 | 43.6 | 43.7 | 43.8 | 43.9 |
| 34 | 44.0 | 44.1 | 44.2 | 44.3 | 44.4 | 44.5 | 44.6 | 44.7 | 44.8 | 44.9 |
| 35 | 45.0 | 45.1 | 45.2 | 45.3 | 45.4 | 45.5 | 45.6 | 45.7 | 45.8 | 45.9 |
| 36 | 46.0 | 46.1 | 46.2 | 46.3 | 46.4 | 46.5 | 46.6 | 46.7 | 46.8 | 46.9 |
| 37 | 47.0 | 47.1 | 47.2 | 47.3 | 47.4 | 47.5 | 47.6 | 47.7 | 47.8 | 47.9 |
| 38 | 48.0 | 48.1 | 48.2 | 48.3 | 48.4 | 48.5 | 48.6 | 48.7 | 48.8 | 48.9 |
| 39 | 49.0 | 49.1 | 49.2 | 49.3 | 49.4 | 49.5 | 49.6 | 49.7 | 49.8 | 49.9 |
| 40 | 50.0 | 50.1 | 50.2 | 50.3 | 50.4 | 50.5 | 50.6 | 50.7 | 50.8 | 50.9 |

Calculated by F. E. Paradis, C. E.

Transit Book #13

The Sutherlin Land

& Water Company

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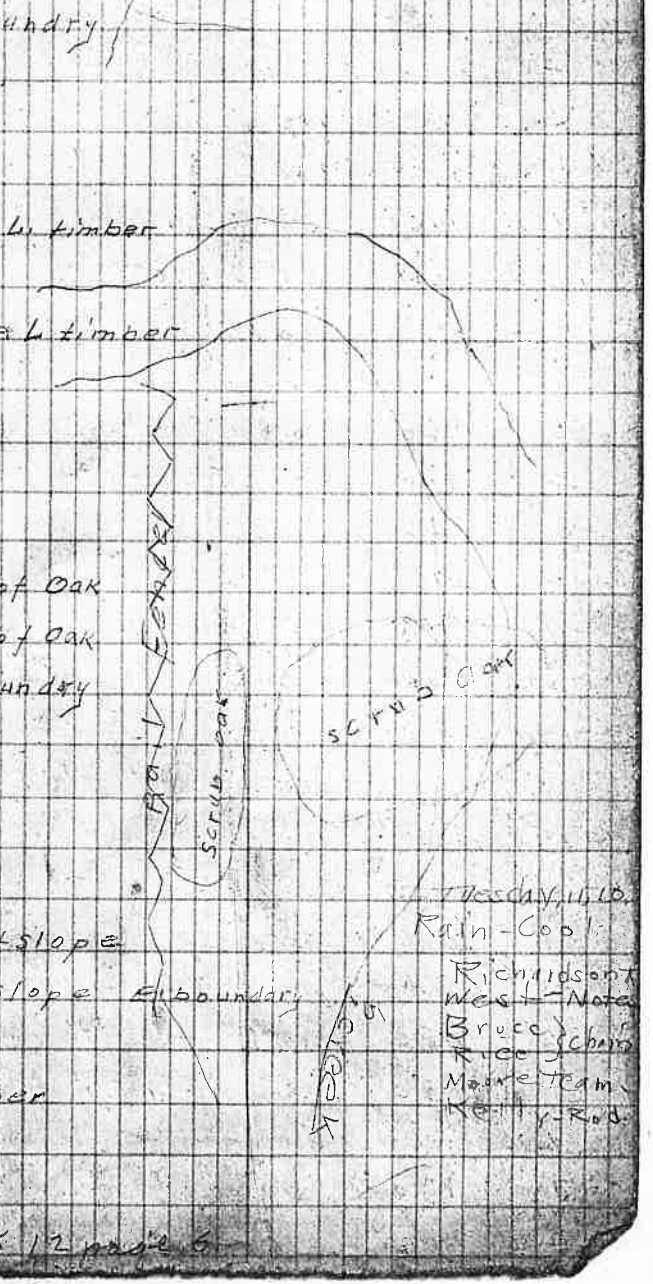
# Plat K

## Timber Line

| Sta | Dist | Az | Vert L. | Diff | Elev |
|---|---|---|---|---|---|
| 1 | 490 | 279°30' | -3° 15' | -27.8 | 642.9 |
| Sta 23 | 2+52.3 | 144°26' | | | |
| Sta 21 | 10+25.4 | 189° 10° | | | |
| | | Sta 22 | | | 670.72 |
| 4 | 390 | 9° 10' | | | |
| 3 | 500 | 104° 10' | | | |
| 2 | 150. | 9° 10' | | | |
| 1 | 343.0 | 286° 25' | | | |
| Sta 22 | 10+25.4 | 9° 10' | | | |
| Sta 20 | 8+85.7 | 183° 13' | | | |
| | | Sta 21 | | | 646.65 |
| 3 | 150 | 73° 25' | | | |
| 2 | 100. | 157° 0° | | | |
| 1 | 40 | 274° 10' | | | |
| Sta 21 | 8+85.7 | 3° 13' | | | |
| Sta 19 | 10+07.3 | 147° 09' | | | |
| | | Sta 20 | | | 639.54 |
| 5 | 350 | 45° 50' | - 6° 20' | -38.5 | 611.9 |
| 4 | 125 | 0° 0' | - 11° 10' | -24.2 | 626.2 |
| 3 | 650 | 272° 30' | - 1° 10' | -13.5 | 636.9 |
| 2 | 650 | 262° 50' | +2° 0' | +22.7 | 673.1 |
| 1 | 50 | 189° 25' | +7° 30' | +6.6 | 657.2 |
| Sta 20 | 10+07.3 | 327° 09' | - 0° 15' | | |
| Sta 18 | 4+59 | 104° 47' | | | |
| | | Sta 19 | | | 659.35 |

Timber Line Locations

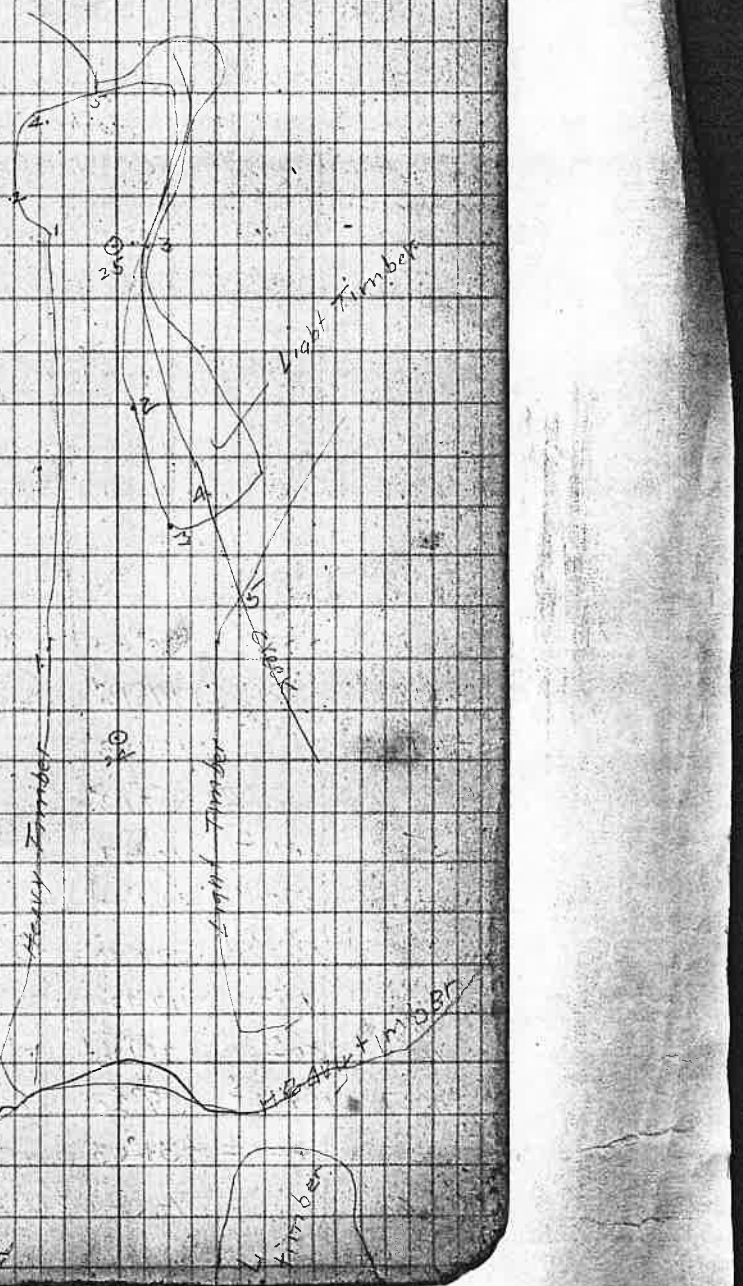



From Book 12 page 6

# Plat K.

## Timber Line

| Sta | Dist. | Az. | Vt. ∠ | Diff | Elev | |
|---|---|---|---|---|---|---|
| 5 | 95 | 0°00' | +2°40' | +4 | 682 | H. Timber |
| 4 | 115 | 319°10' | +2°40' | +5 | 673 | H. Timber |
| 3 | 80 | 116°30' | -2°30' | -7 | 659 | Creek |
| 2 | 210 | 248°40' | +12°30' | 45 | 713 | H. Timber |
| 1 | 115 | 225°25' | +1°40' | +3 | 671 | H. Timber |
| Sta 26 | 3+49 | 51°03' | +0°25' | | | |
| Sta 24 | 6+88 | 203°24' | | | | |
| | | Ct. Sta 25 | | | 667 | |
| 5 | 460' | 162°10' | -2°00' | -16 | 640 | Creek & L. Timber |
| 4 | 200' | 97°25' | -2°35' | -9 | 647 | Creek |
| 3 | 146' | 97°25' | -2°30' | -6 | 650 | L. Timber |
| 2 | 410' | 30°30' | -0°20' | -2 | 654 | L. Timber |
| 1 | 105' | 355°50' | +3°10' | 5 | 662 | H. Timber |
| Sta 25 | 6+88 | 23°24' | | | | |
| Sta 23 | 5+51 | 280°56' | -0°40' | | | |
| | | Ct. Sta 24 | | | 656 | |
| Sta 24 | 5+51 | 100°58' | +0°40' | | | |
| Sta 22 | 2+52 | 324°26' | | | | |
| | | Sta 23 | | | 649 | |
| 7 | 430 | 157°05' | -3°25' | -25 | 645 | L. timber |
| 6 | 480 | 212°25' | -2°15' | -18 | 651 | L. timber oak |
| 5 | 120 | 130°10' | -1°20' | -9 | 661 | Heavy timber |
| 4 | 110 | 66°15' | 8°0' | +15 | 686 | " " |
| 3 | 150 | 337°30' | +8°0' | +20 | 690 | " " |
| 2 | 100 | 296°20' | 0°0' | | | Heavy Timber |

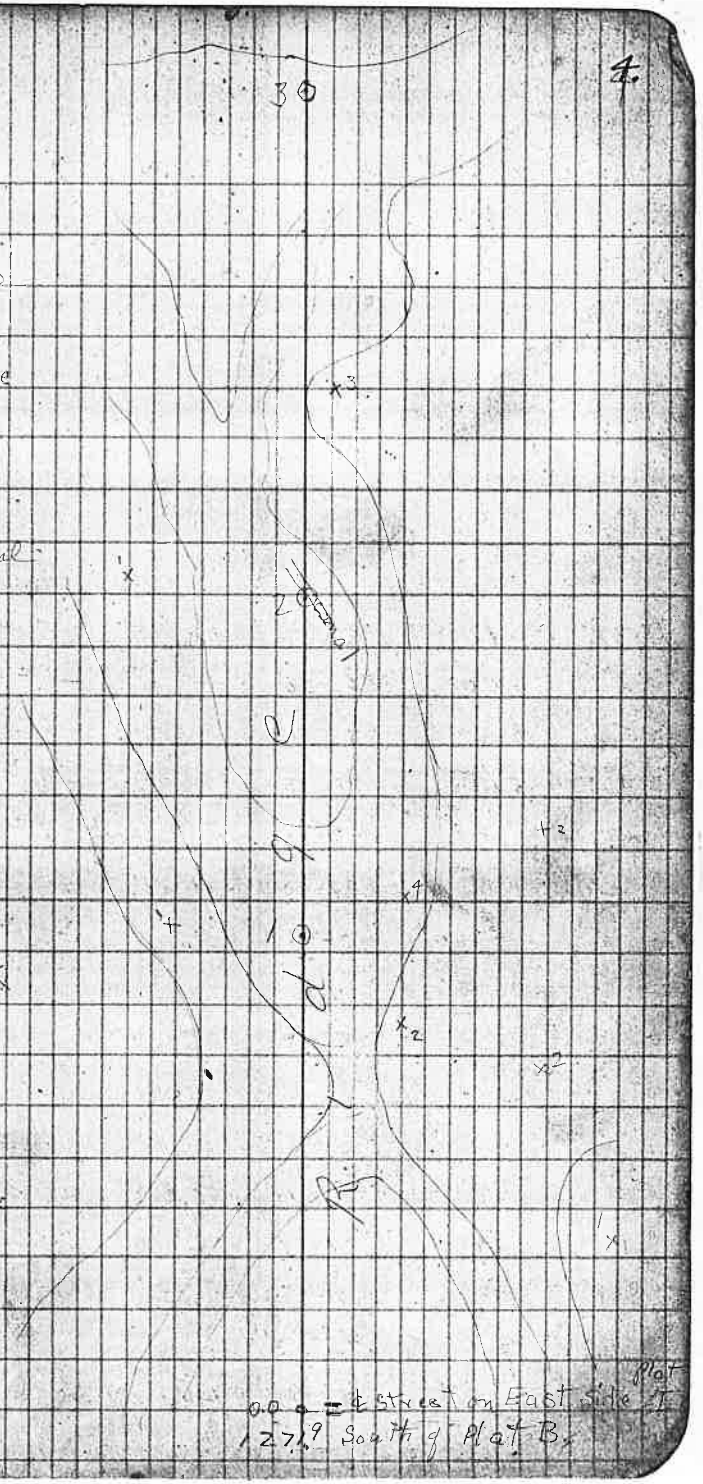


# Plat K.
## Timber Line

| Sta. | Dist | Az. | Vert ∠ | Diff. | Elev. |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |
| | | | | | |

# Plat K
## Topog

| Sta. | Dist | ∠ | V △ | Diff | Elev | |
|---|---|---|---|---|---|---|
| 4 | 560 | 333-55 | -1°15' | -12.2 | 603.2 | Foot of Slope |
| 3 | 400 | 272-10 | -0 50' | -5.8 | 615.2 | contour |
| 2 | 790 | 26°05' | -0°45' -4.0 | -14.3 | 607.2 | Foot of Slope |
| 1 | 350 | 179°50' | 6.9 | -1.7 | 619.8 | contour S. Side Plat B. |
| Sta. 3 | 1018 | 265°53 | 2.8 | +2.4 | 623.88 | |
| Sta. 1 | | 60°53' | | | | |
| | H.I. 5.4 | At Sta. 2 Elev 621.48 | | | | North side of road Top of ridge |
| 4 | 210 | 321°55' | 3.4 | +1.8 | 617.2 | Break |
| 3 | 640 | 131°10' | -1°35' -4.0 | -20.6 | 584.8 | Foot of Slope |
| 2 | 380 | 19-55 | 5.9 | -0.7 | 614.7 | contour |
| 1 | 260 | 134-00 | 9.6 | -4.4 | 611.0 | Break |
| Sta. 2 | 800 | 240-53 | +0°30' | +6.09 | 621.48 | |
| Sta. 0 | | 49°42 | | | | |
| | H.I. 5.2 | At Sta. 1. Elev = 615.39 | | | | Top of ridge |
| 2 | 750 | 283°30' | -1°05' | -14.2 | 601.6 | Foot of Slope |
| 1 | 750 | 335-10 | -1°25' | -23.4 | 592.4 | Foot of Slope |
| Sta. 1 & Road on E of Plat I | 948 | 229°42' | 5.6 | | 615.39 | |
| | | 359°45' | | | | |
| | H.I. 5.2 | At Sta. 0. Elev = 615.79 | | | | |



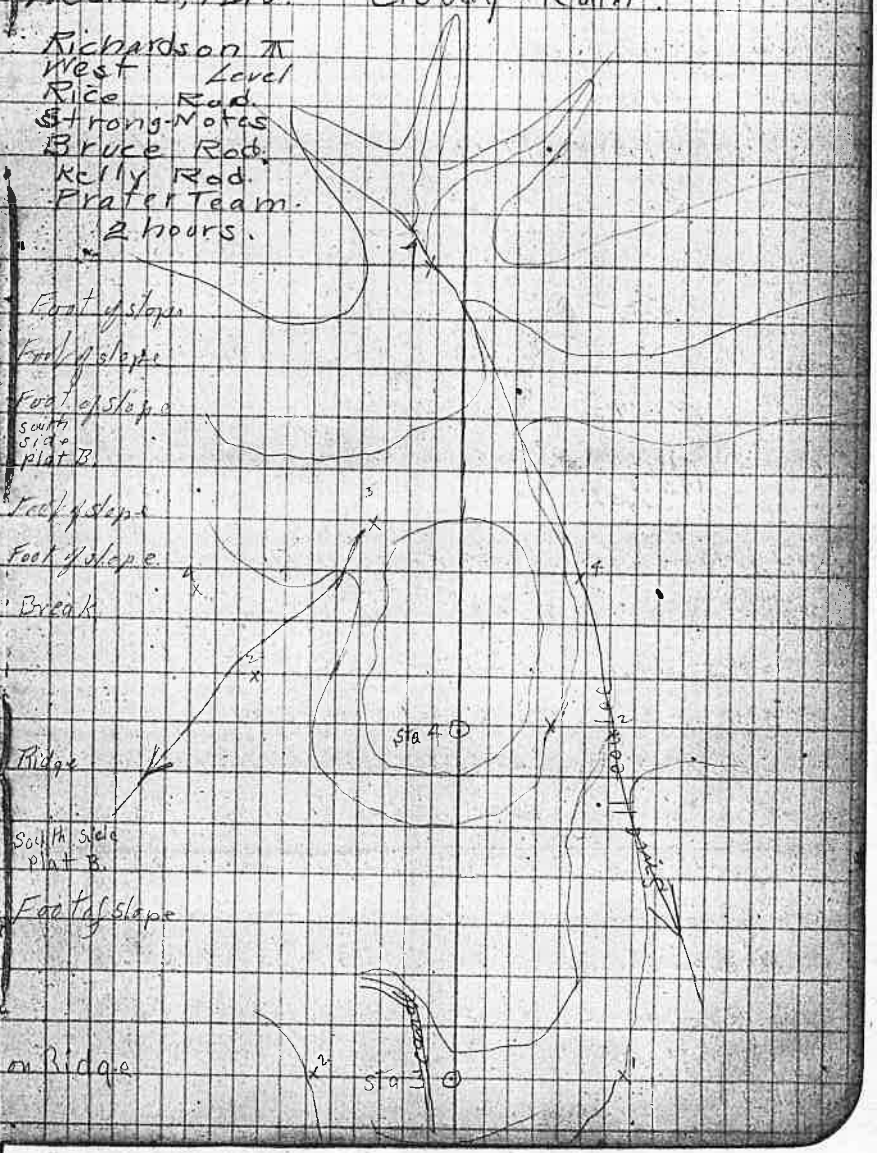
# Plat K.

## Topog

| Sta. | Dist. | Az. | V.A. | Diff. | Elev. | |
|---|---|---|---|---|---|---|
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| 7 | 910 | 278-40 | +0°-20' | +5 3 | 635 3 | Foot of slope |
| 6 | 450 | 256°-30' | -0° 12' | -1 6 | 639 0 | Foot of slope |
| 5 | 400 | 300°15' | -0°35' | -4 1 | 636 5 | Foot of slope |
| 4 | 515 | 197° 25' | -0°55' | -8 2 | 632 4 | South Side plat B. |
| 3 | 300 | 242°15' | -1°25'-40 | -7 4 | 633 2 | Foot of slope |
| 2 | 410 | 198-50' | -1°10' | -8 3 | 632 3 | Foot of slope |
| 1 | 180 | 43-05' | 7.4 | +2 2 | 638.4 | Break |
| Sta. 5 | | | | | | |
| Sta. 3. | | 116-28 | | | | |
| | M.E. 5° | N Sta. 4. Elev. 640 56 | | | | Ridge |
| 2 | 280 | 181-20 | 5.0 | +0 2 | 624 1 | South Side plat B. |
| 1 | 340 | 350-00 | 9.2 | -4 0 | 619 9 | Foot of slope |
| Sta. 4 | 698 | 296-28 | +1°22' | +16.68 | 640 56 | |
| Sta 2. | | 85°53' | | | | |
| | M.E. 5° | N. Sta 3 | Elev. 623 88 | | | on Ridge |

Wed. Oct, 12-10. Cloudy - Rain.

Richardson π
West Level
Rice Rod.
Strong-Motes
Bruce Rod.
Kelly Rod.
Prater Team.
2 hours.



# Traverse Plat J

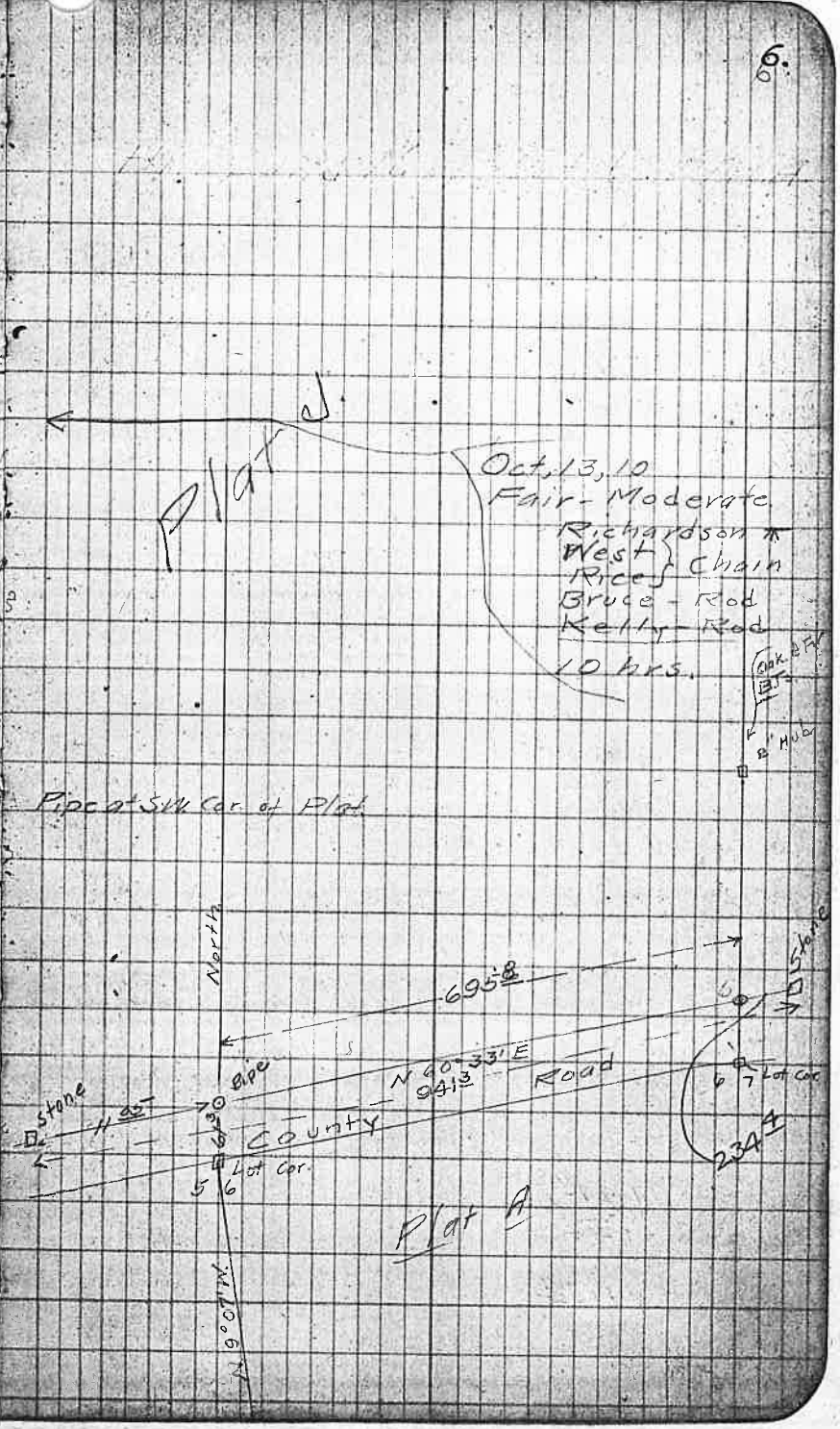
Lot 6. Blk. 1. North plat

| Sta. | Dist | ΔL | ΔR | C.C. | M.C. |
|---|---|---|---|---|---|
| 6 | 13+25.3 | | | | |
| | | | | North | N0°30W |
| 5 | 8+99.7 | 17°16' | | | |
| | (27°) | | | N17°16'E | N16°45'E |
| 4. | 8+75.1 | | 34°32' | | |
| | (27°) | | | N17°16'W | N17°30'W |
| 3 | 8+48.1 | 17°16' | | | |
| | | | | North | N0°20W |
| 2. | 6+56.0 | | | | |
| | | | | North | N0°10'W |
| 1. | 3+39.7 | | | | |
| | (Vert. Δ 13°17' 349°) | | | North | N0°30'W |
| 0.0 | | | | N. | Pipe at SW Cor. of Plat. |

Starting with SW. Cor. on Due N. Line.

We set SW. Cor. of Plat with Pipe by backsight on SW Cor Lot 6 Plat A (Beginning N 9°07'E) and turning 7°07' R, intersecting with Line (N 60°33' E) between two Stone Monuments which bound N. Side of County Road.

We set Pipe at SE Cor of Plat (North of Lot Stake (6, 7)) by foresighting on 1/4 Cor North from Lot Cor (6, 7) and intersecting with a Line N 60°33' E between Two Stone Monuments which bound the North Side of the County Road.



| Sta | Dist | ΔL | ΔR | C.C. | M.C. |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |
| | | | | | |

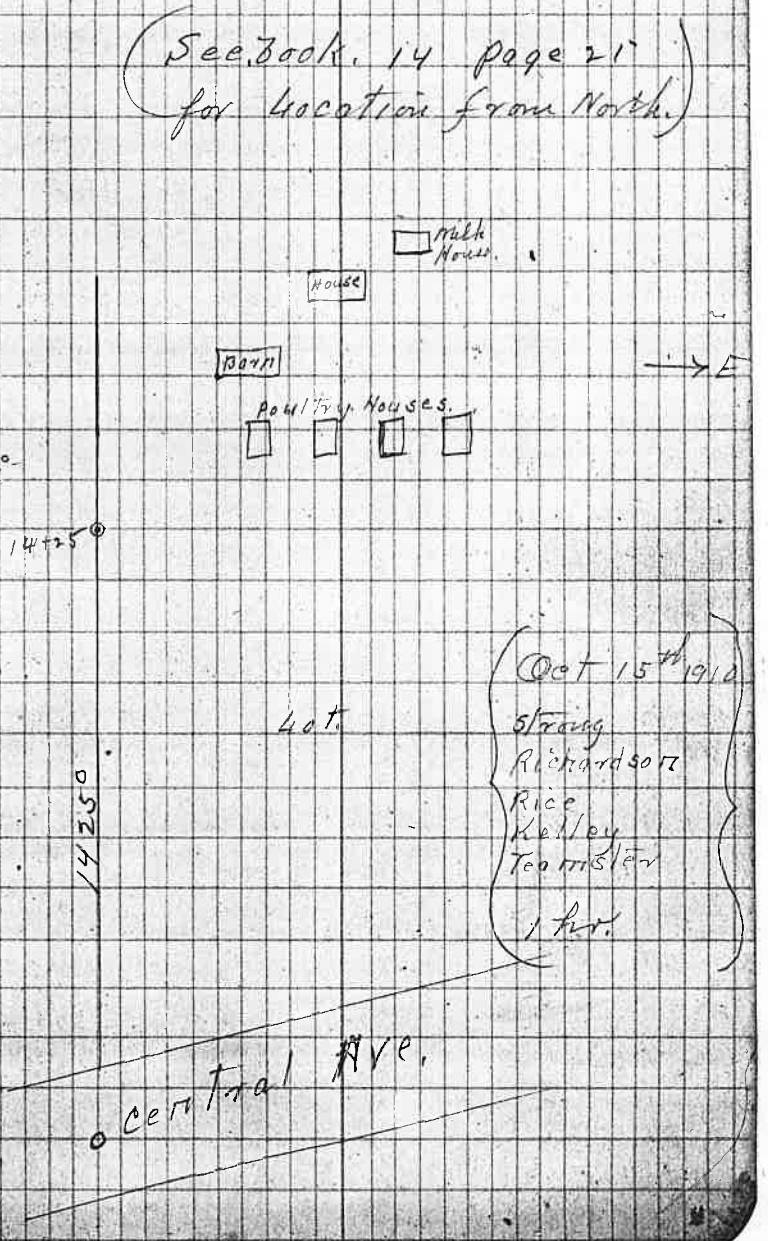
# Location of Buildings on Lot 2. Blk 1, Plat N

(See Book 14 page 21 for location from North.)

| | Dist | ∠ | R. |
|---|---|---|---|
| " | 230° | | 27° 27' |
| " | 238° | | 32° 54' |
| " | 250° | | 34° 38 |
| S.W. Cor. Poultry House | 260° | | 42° 04' |
| S.W. Cor. Milk House | 370° | | 35° 43 |
| S.W. Cor. House | 340° | | 29° 29' |
| S.W. Cor. Barn | 260° | | 21° 45' |
| | At 1425° | | |

Back sight on S.W. Cor. Lot 2 & Central Ave.

7X12
7X12
7X12
7X12
6°X8°
16°X32°
24°X 34°



# Topog on Plot K.

| Sta. | Dist | Az. | V'A | Diff. | Elev. | |
|---|---|---|---|---|---|---|
| 4 | 290 | 353°15' | -3°50' | -19 4 | 607 7 | Foot of slope |
| 3 | 840 | 149°50' | -1°35' | -23 2 | 613 9 | in swale |
| 2 | 670 | 353°30' | -0°45' | -8 7 | 628 4 | contour |
| 1 | 200 | 148°30' | -3°15' | -11 4 | 625 7 | Foot of slope |
| Sta. 3. | 1084° | 244°28' | -0°25' | -7.91 | 629 21 | |
| Sta 1. | | 75°18' | | | | |

N.I.S. Ft. Sta. 2 Elev 637 12

| | | | | | | |
|---|---|---|---|---|---|---|
| 6 | 410 | 255°25' | +0°40' | +4 7 | 611 5 | Foot of slope |
| 5 | 900 | 183°50' | -0°13' | -3 8 | 603 0 | contour |
| 4 | 1060 | 309°40 | +1°05' | +20 0 | 626 8 | contour |
| 3 | 410 | 127°40' | -0°40' | -4 9 | 601 9 | in swale |
| 2 | 940 | 334°15' | +0°50' | +13 7 | 620 5 | contour |
| 1 | 390 | 44°50' | 3.2 | +2 0 | 608 8 | Top of ridge |
| Sta. 2 | 846 | 255°18' | +2°03' | +30 28 | 637 12 | |
| Sta. 0 | | 52°55' | F | | | |

N.I.S. Ft. Sta. 1. Elev = 606 84

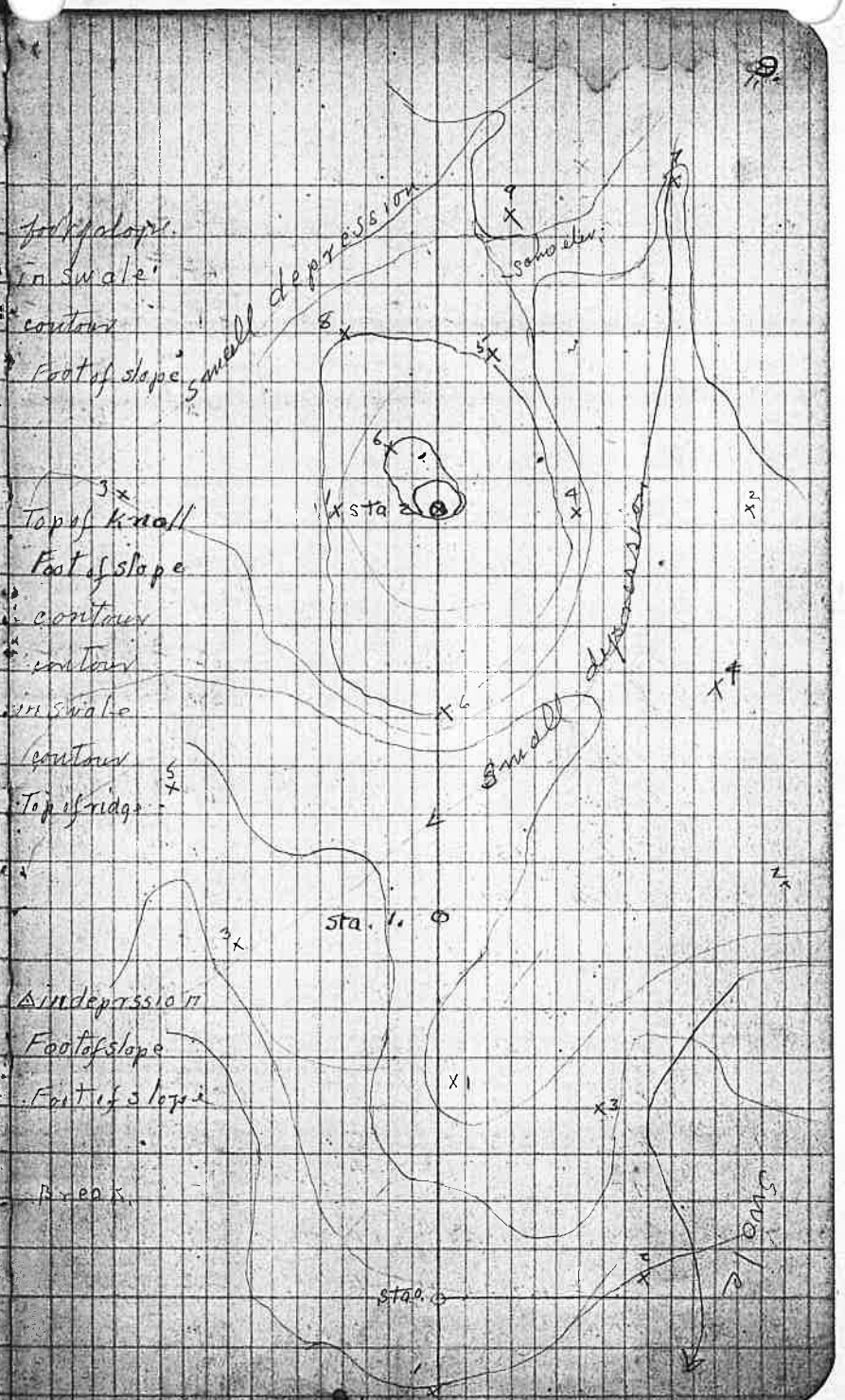
| | | | | | | |
|---|---|---|---|---|---|---|
| 4 | 580 | 314°40' | +0°30' | +7 6 | 609 1 | In depression |
| 3 | 480 | 330°20' | 4.0 | +1 2 | 601 7 | Foot of slope |
| 2 | 440 | 4°30' | 6.1 | -0 9 | 599 6 | Foot of slope |
| Sta. 1. | 794° | 232°55' | +0°50' | +11 5 2 - 5 3 +6.3 2 | 606 84 | |
| 1 | 265 | 91-30 | 7.4 | -2.2 | 598 3 | Bench K. |
| C. Road. | | 179°45' | | | | |

Elev. 600.52

Ft. Sta. 0 S.E. Δ & of road on East of

N.I.S. Plat I. S.E. Cor. Blk. 1.

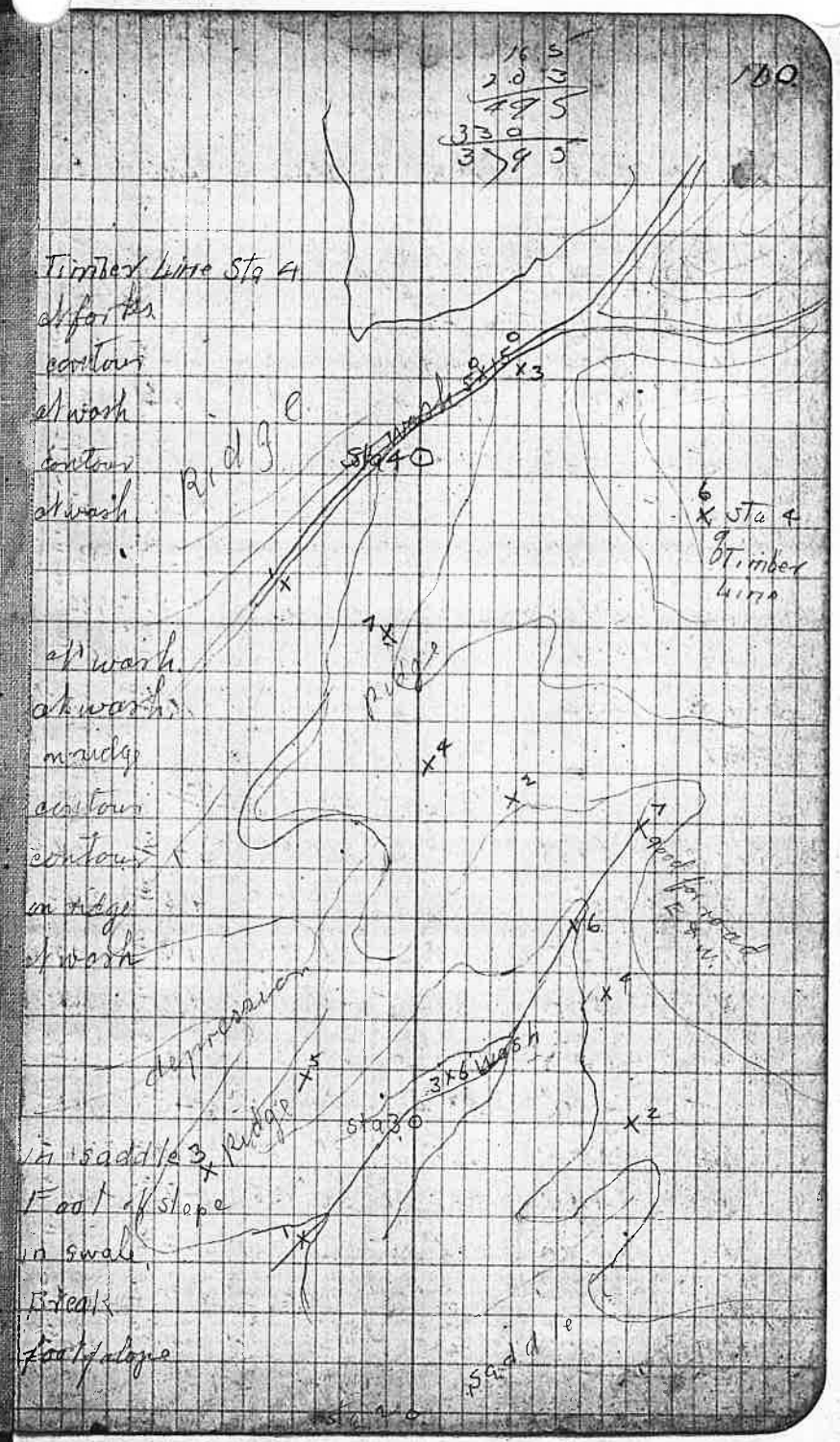
Elev.



# Plat K

## Topog.

| Sta | Dist. | Az. | V. Δ | Diff. | Elev. |
|---|---|---|---|---|---|
| 7 | 290 | 45°35' | −2°15' | −1 3 | 639 5 |
| 6 | 610 | 296°15' | +3°25' | +36 4 | 627 2 |
| 5 | 560 | 262°45' | +1°10' | +11 4 | 652 2 |
| 4 | 630 | 45°40' | −0°50' | −9 2 | 631 6 |
| 3 | 250 | 249°30' | +1°05' | +4 6 | 645 4 |
| 2 | 920 | 24°25' | −0°10' | −2 7 | 638 1 |
| 1 | 410 | 89°30' | −0°45' | −5 3 | 635 5 |
| Sta 3 | | 46°36 | | | |
| H.I. 5² | At. Sta 4 | Elev. 640 | 8.3 | | |
| 7 | 620 | 301°40' | +1°10' | +12 6 | 641 8 |
| 6 | 590 | 298°40' | +1°00' | +10 3 | 639 5 |
| 5 | 250 | 190°35' | 5.2 | 0.0 | 629 2 |
| 4 | 580 | 324°05' | +1°45 | +17 7 | 646 9 |
| 3 | 560 | 136°15' | −0°10' | −1 6 | 627 6 |
| 2 | 550 | 346°10' | +1°05' | +10 4 | 639 6 |
| 1 | 290 | 120°40' | −1°00' | −5 0 | 624 2 |
| Sta 4 | 1336 | 226°36' | +0°30 | +11.62 | 640 83 |
| Sta 2 | | 64°28 | | | |
| | N.I. 5² At. Sta 3 | Elev. | 629 21 | | |
| 9 | 660 | 283°55' | 5.2 | 0.0 | 637 1 |
| 8 | 480 | 235 05' | −4.0 −1°45' | −14.6 −4 +8.6 | 618 5 |
| 7 | 280 | 312 10 | −0°40' | −9 1 | 628 0 |
| 6 | 210 | 220 25 | −1 05' | −4 0 | 633 1 |
| 5 | 360 | 203°50' | −2°25' | −14 3 | 622 8 |

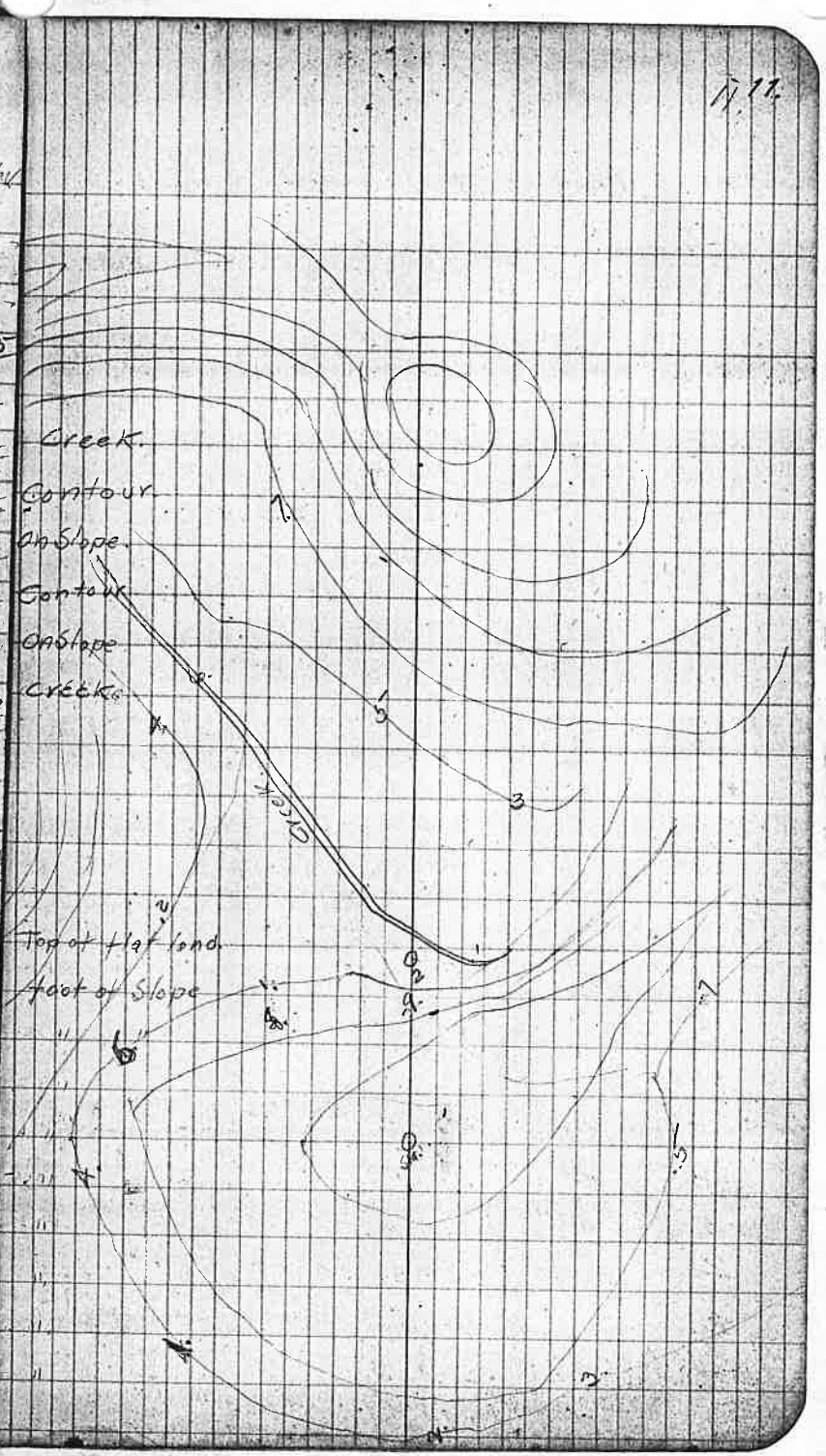


Plat 3A

Topog

| Sta. | Dist | Az | VA | Diff | Elev |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |
| | | At Sta 3 Elev 625.86 | | | |
| 7 | 960' | 356°40' | +1°10' | +19.6 | 634.5 |
| 6 | 680' | 318°55' | +0°45' | +8.8 | 623.7 |
| 5 | 360' | 23°05' | +0°05' | +0.9 | 615.4 |
| 4 | 680' | 299°35' | +1°55' | +22.8 | 637.7 |
| 3 | 420' | 64°55' | -0°20' | -2.4 | 612.5 |
| 2 | 570' | 272°35' | +1°35' | +15.7 | 630.6 |
| 1 | 300' | 103°50' | -1°05' | -5.6 | 609.3 |
| Sta 2 | 1084' | 32°26' | +0°34' | +10.84 | 625.2 |
| Sta 1. | | 131°29' | | | |
| | | At Sta 2. Elev 614.92 | | | |
| Sta 2 | 578' | 311°29' | +0°45' | +7.57 | 614.92 |
| 9 | 350' | 1°05' | +0°30' | +3.2 | 610.6 |
| 8 | 515 | 318°10' | +0°40' | +6.0 | 613.4 |
| 7 | 400' | 50°35' | +0°10' | +1.3 | 608.7 |
| 6 | 540' | 293°30' | +0°30' | +4.6 | 612.0 |
| 5 | 410' | 95°40" | -0°35' | -4.2 | 603.2 |
| 4 | 430' | 269°10' | +0°25' | +3.2 | 610.6 |
| 3 | 440' | 147°40' | -0°55' | -7.0 | 600.4 |
| 2 | 280 | 178°35' | -1°00' | -4.9 | 602.4 |
| 1 | 790' | 243°50' | +0°05' | +1.2 | 608.6 |
| Sta 0 | 936' | 179°45' | -0°25' | -6.83 | 600.57 |
| SE Cor. ℄ of Road East of Flat 1. | | At Sta 1. | SE Cor. Flat 1 | 607.35 | |

N. 11.



# P I C T. K.

## Topog

| Sta | Dist. | Az. | Vert A. | Diff | Elev. |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |
| | | | | | |

"Plat J"

| Sta. | Dist. | Δ L. | Δ R. | C.C. | M.C. |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |
| | | | | | |

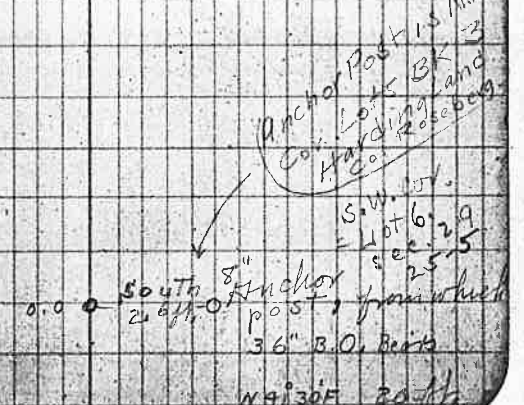
Hilland. Plat J

North of Lot 12. - K 1.

| Sta. | Dist | ΔL | ΔR. | C.C. | M.C. |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |
| | | | | | |

# Winnifred Land
## Exterior Boundary
## East side. Random

| Sta. | Dist. | Δ L. | Δ R. | C. C. | M.C. |
|---|---|---|---|---|---|
| 11 | 16+99.5 (vert Δ 2°42' 105.1) | | 1°08' | | |
| | | | | | N89°30'E |
| 10 | 15+98.9 | | | | |
| | | | | | N89°30'E |
| 9 | 14+06.7 | | | | |
| | | | | | N89°30'E |
| 8 | 12+87.6 | | | | |
| | | | | | N89°30'E |
| 7 | 12+60.3 | | | | |
| | | | | | N89°30'E |
| 6 | 10+69.1 | | | | |
| | | | | | N87°30'E |
| 5 | 9+28.7 vert Δ 13°13' (2 mi) | | | | N88°30'E |
| 4 | 6+04.5 (vert Δ 22°24') | 2°04 | | | |
| | | | | | S88°30'E |
| 3 | 5+61.9 (vert Δ 25°31' 297°) | | 15°43' | | N75°30'E |
| 2 | 2+94.2 | | | | |
| | | | | | N75°30'E |
| 1 | 1+77.8 | | | | |
| | | | | | N75°30'E |
| 0.0 | | | | | |

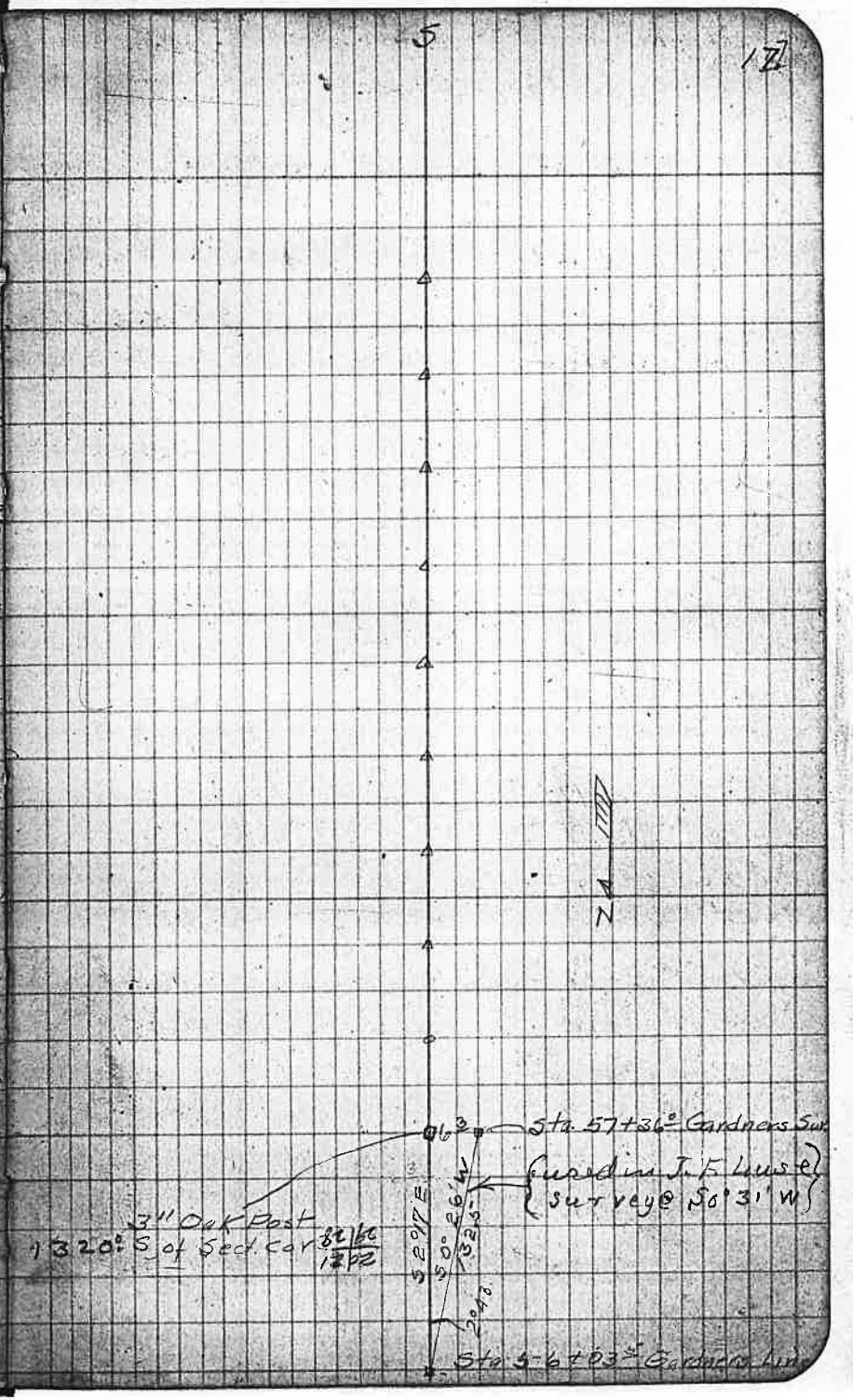


| Sta. | Dist | ΔL | ΔR | C.C. | M.C. |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |
| | | | | | |

# Winnifred Tract
## Random on E.

| Sta | Dist | ΔL | ΔR | CC | MC |
|---|---|---|---|---|---|
| 9 | 12+97.3 | 18°31' | | | |
| | | | | S0°05'E | S0°30'E |
| 8 | 11+59.8 | | | | |
| | | | | S0°05'E | S0°30'E |
| 7 | 10+82.2 Vert 21°38' | | 1°22' | | |
| | | | | S1°27'E | S2°00'E |
| 6 | 8+83.4 Vert Δ 25°32' 200' (+6.3) | | | | |
| | | | | S1°27'E | S2°00'E |
| 5 | 6+96.6 Vert Δ 27°30' 251.6 | 0°14' | | | |
| | | | | S1°13'E | S1°35'E |
| 4 | 4+73.4 (Vert Δ 29°15' 150.8) | | 1°05' | | |
| | | | | S2°18'E | S2°40'E |
| 3 | 3+42.3 (Vert 30°37') 162.2 | 3°39' | | | |
| | | | | S1°21'W | S1°00'W |
| 2 | 2+02.7 (Vert Δ 34°12' 154.8) | 2°37' | | | |
| | | | | S3°58'W | S3°30'W |
| 1 | 0+74.7 (Vert Δ 34°54' 91.1) | 0°53' | | | |
| | | | | S4°51'W | S4°15'W |
| Sta 0.0 | | | 1°08' | S2°17'E | S2°30'E |

Setting at 1320' Cor Post and back sight on Sta 56+03.5 Gardners Survey (S2°17'E) and producing Line South with 13 1/2° Cor as zero.



# Winniford Tract

| Sta | Dist | ΔL | ΔR | CC | MC |
|---|---|---|---|---|---|
| 7. | 14+22.4 (21°05') | | | S 89°55'W | S89°30'W |
| 6. | 13+11.7 | | 2°04' | | |
| | | | | S87°51'W | S87°15'W |
| 5 | 7+94.2 | 2°04' | | | |
| | | | | S89°55'W | S89°30'W |
| 4 | 7+45 | | | | |
| | | | | S89°55'W | S89°30'W |
| 3 | 6+19.6 | | | | |
| | | | | S89°55'W | S89°30'W |
| 2. | 3+97.4 | | | | |
| | | | | S89°55'W | S89°30'W |
| 1" Pk nail on stump | 2+08.4 Vert Δ R4°11' 228± | | | | |
| 0.0 | | | | S89°55'W | S89°30'W |
| 1.0 | 13+79.3 | | | | |
| | | | | S18°36'E | S19°00'E |

West

18

Sta 6

16°04'

Sta 5

83°56'

90°00'

55°

Wed, Oct, 19, 10
Fair Moderate
Richardson
West
Rice
Kelly
Brute
Prater-Team
Set up on 1/4 Cor.
B.S. @ Sta. 12+97.3
Bearing N18°31'W

10 hrs

South

12+97.3

11+79.6

N 18°36'W

Random Line
to 1/4 Sec. Cor. North
from 12" White Oak bears
S 20°00'W 38.3
a 8" Black Jack bears
S 26°00'E 2'

7.29

13+79.3

8" x 4" x 3" Sandstone
1/4 Cor. S.

# Winniford Tract

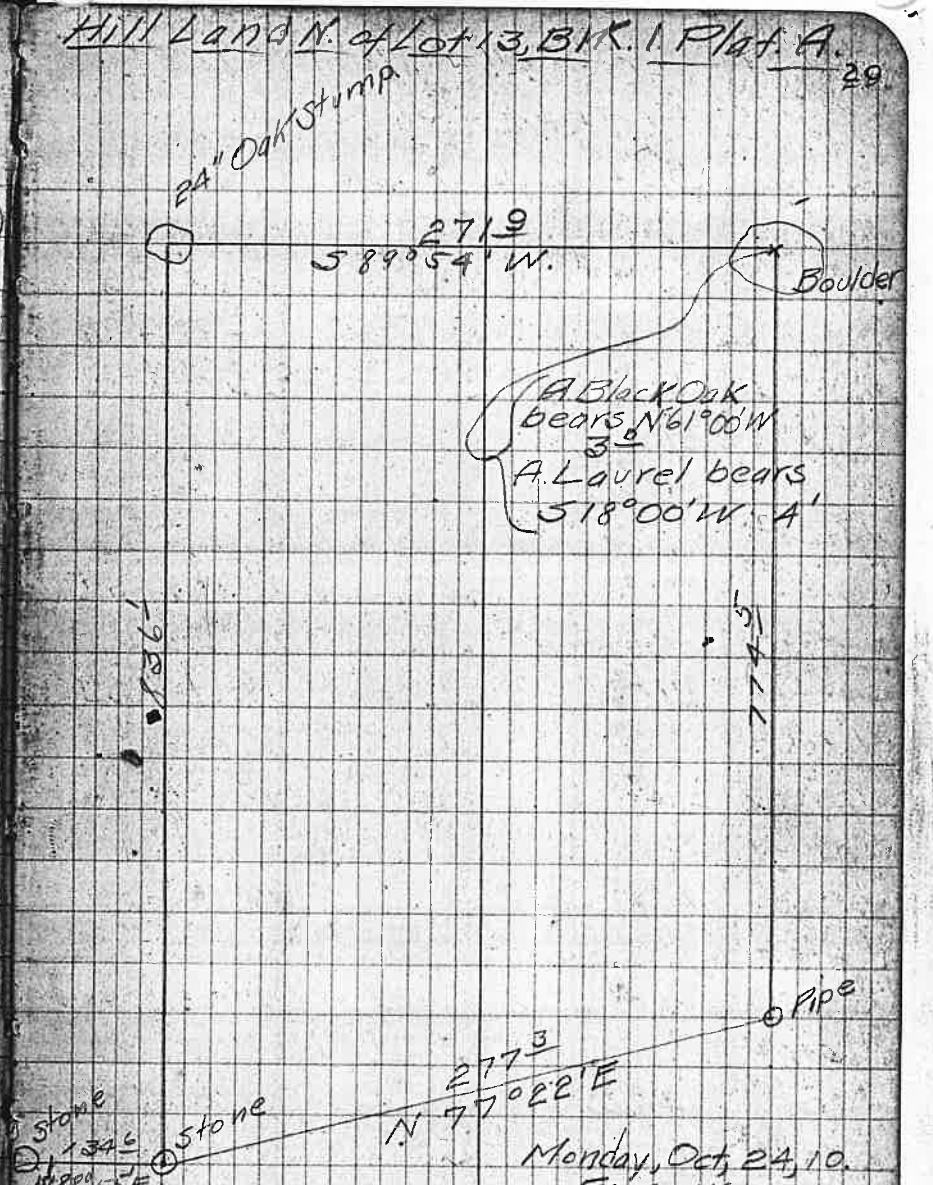
| Sta | Dist | ΔL. | ΔR. | CC | MC. |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |
| | | | | | |

# Plat. J.

Producing True Line East (S89°54' W) 271.9 we located N.E. Cor. of Plat which is cross in Boulder with Bearing Trees as indicated.

Running 277.3 N 77°22' E from Stone in S.W. Cor. of Plat we located Gas Pipe at S.E. Cor. of Plat.

Hill Land N. of Lot 13, Blk. 1 Plat. A. 29.



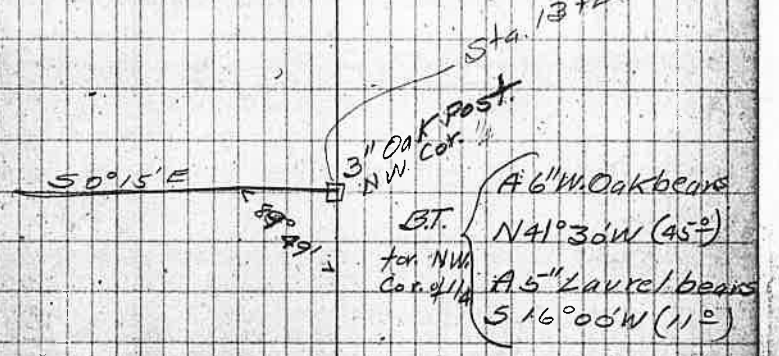

Monday, Oct. 24, 10.
Fair - Warm.

Richardson
Bruce
Rice
Kelly
Prater - Team
5 hrs.

North Line of NE¼ of NE¼ of Sect. 17, Twp 25 S., R. 5 W.

| Sta. | Dist | ΔL | ΔR | C.C. | M.C. |
|---|---|---|---|---|---|
| 13+23.0 (Vert Δ 25°35' 1139.4) | | | | | |
| | 106.1 | | | West | S 89° 10' W |
| 12+16.6 (Vert Δ 25°15' 1222.8) | | | | | |
| | 111.1 | | | West | S 89° 10' W |
| 11+05.5 (Vert Δ 27°49' 1242.8) | | | | | |
| | 214.7 | | | West | S 89° 10' W |
| 8+90.8 Vert Δ 21°04' (506.2) | | | | | |
| | E 85.7 | | | West | S 89° 10' W |
| 6+05.1 | | | | | |
| | 100.2 | | | West | S 89° 36' W |
| 5+04.2 | | | | | |
| | 210.4 | | | West | S 89° 10' W |
| 2+93.8 | | | | | |
| | 177.7 | | | West | S 89° 10' W |
| 1+16.1 | | | | | |
| | 116.1 | | | West | S 89° 10' W |
| 0.0 Sec. Cor. 8/9 17/16 | | | | | |
| | Back Sight on (N 1° 22' W) | | | | |

O & C. 40

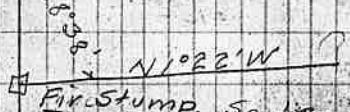



N.E. 1/4 of N.E. 1/4 of S. 17. Twp 25 S R 5 W.

Sat. Oct. 29, 10.
Fair Cool.

Richardson
Gilkie
Rice
Bruce
Kelly
Prater.

10 hrs.



East Line of NE1/4 of NE1/4 of Sect. 17, T 26 S., R 5 W.

| Sta. | Dist | ΔL | ΔR | C.C. | M.C. |
|---|---|---|---|---|---|
| 12+97.0 | | | | | |
| | 151.2 | | | S0°15'E | S0°30E |
| 11+45.8 | | | | | |
| | 215.2 | | | S0°15'E | S0°60E |
| 9+30.6 | | | | | |
| | 160.3 | | | S0° 15'E | S0°60E |
| 7+70.3 | | | | | |
| | 302.0 | | | S0°15'E | S0°60E |
| 4+68.3 | | | | | |
| | 154.3 | | | S0° 15'E | S1°00'E |
| 3+14.0 | | | | | |
| | 314.0 | | | S0° 15'E | S1°00'E |
| Sec. Cor. 8/9 1916 | | | | | |

Back Sight on N 02 2' W.
Plung and turn 1.007' R to S0°15'E

O & C. A O

A 14" Laurel bears N 41°00'W (22 lks)
A 16" White Oak bears N 47°00'E (15 lks)

Bearing Trees for 3" Oak Post

Sta. 12+97.0

3" Oak Post Cor. S.E.

11+87.0 West

West

89°43'

S0°15'E

NE 1/4 of NE 1/4 of S. 17

N

1.007'

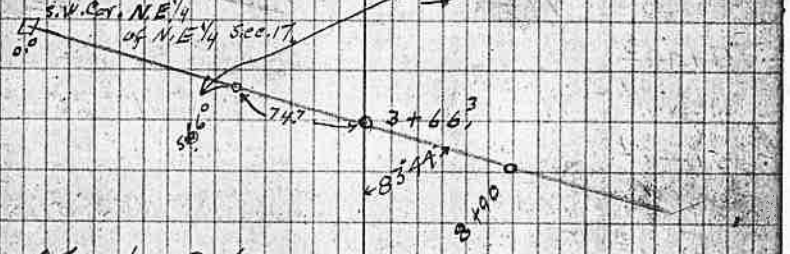
Pine Stump. Sec. Cor. 8/9 1916

# Road B
North of Townsite.

# Plat J.

| Sta. | Dist | ΔL | ΔR. | cc. | M.C. |
|---|---|---|---|---|---|
| | 99.5 | | | N78°52'E | N79°00'E |
| Δ 0+76.5 | | 48°13' | | | |
| | 89.7 | | | S52°55'E | S53°05'E |
| Δ 9+87.3 | | | 51°35' | | |
| | 111.9 | | | N75°30'E | N75°40'E |
| Δ 8+75.4 | | 25°59' | | | |
| | 115.1 | | | S78°31'E | S77°30'E |
| Δ 7+60.0 | | 12°00' | | | |
| | 109.6 | | | S66°31'E | S65°30'E |
| Δ 6+50.1 | | | 57°56' | | |
| | 85.9 | | | N55°35'E | N55°00'E |
| Δ 5+64.8 | | | 35°49' | | |
| | 109.7 | | | N19°44E | N19°00E |
| Δ 4+55.1 | | 37°24' | | | |
| | 88.5 | | | N57°08'E | N56°30'E |
| Δ 3+66.6 | | 26°23' | | | |
| | 84.2 | | | N83°31'E | N83°E |
| 02+82.4 0 | | | | | |
| | 182.0 | | | N83°31'E | N83°00'E |
| Δ 1+00.4 | | | 70°39' | | |
| | 100.4 | | | N12°52'E | N12°10'E |
| (Δ 9+13.6 on A) Δ 0.0 | | | 8°08' | | |
| | | | | N4°44'E | N5°30'E |

Backsight on 7+32.6 Road A. (N4°44'E)




Monday, Oct 31, 10. Fair + Moderate.
Richardson
Gilkie
Rice
Bruce
Kelly
Prater - Team

# Road B
## North of Town.

# Plat J.

| Sta. | Dist | Δ L | Δ R | C.C. | M.C. |
|---|---|---|---|---|---|
| | 1+88.2 | | | N30°34'E | N30½°E |
| △24+52.9 | | 54°30' | | | |
| | 174.5 | | | N85°04'E | N84½°E |
| △22+78.4 | | 13°11' | | | |
| | 188.8 | | | S81°45'E | S81½°E |
| △20+89.6 | | 8°12' | | | |
| | 98.5 | | | S73°33'E | S73½°E |
| △19+91.1 | | | 59°09' | | |
| | 91.2 | | | N47°18'E | N47½°E |
| △18+99.9 | | | 30°17' | | |
| | 114.2 | | | N17°01'E | N16½°E |
| △17+85.7 | | 71°48' | | | |
| | 62.9 | | | N88°49'E | N81½°E |
| △17+22.8 | | 53°17' | | | |
| | 78.5 | | | S37°54'E | S37½°E |
| △16+44.3 | | | 65°48' | | |
| | 96.2 | | | N76°18'E | N77½°E |
| △15+48.1 | | | 22°19' | | |
| | 103.9 | | | N53°59'E | N53½°E |
| △14+44.6 | | 11°23' | | | |
| | 139.9 | | | N65°22'E | N65½°E |
| △13+04.3 | | | 7°32' | | |
| | 128.3 | | | N57°50'E | N57½°E |
| △11+76.8 | | 21°02' | | | |

Mon. Oct, 31, 10.

# Road B. North of Townsite

Plat 1

| Sta. | Dist | ΔL. | ΔR. | C.C. | M.C. |
|---|---|---|---|---|---|
| Δ38+65 0 | | | | | |
| | 144 8 | | | S82°51'E | S83°30E |
| Δ37+20 2 | | | 55°40' | | |
| | 89 5 | | | N41°29'E | N41°00E |
| Δ36+30 7 | | 51°18' | | | |
| | 121 0 | | | S87°13E | S87°30E |
| Δ35+09 7 | | | 15°15' | | |
| | 140 1 | | | N77°32E | N77°0E |
| Δ33+69 6 | | | 2°09' | | |
| | 118 3 | | | N75°23E | N75°0E |
| Δ32+51 3 | | 42°19' | | | |
| | 68 1 | | | S62°18E | S62°40E |
| Δ31+83 2 | | 62°07' | | | |
| | 57 1 | | | S0°11'E | S0°30E |
| Δ31+25 5 | | | 92°30' | | |
| | 214 0 | | | N87°19'E | N87°00E |
| Δ29+11 5 | | 23°18 | | | |
| | 81 5 | | | S69°23E | S68°40E |
| Δ28+30 0 | | | 90°43' | | |
| | 92 4 | | | N19°54E | N19°30E |
| Δ27+37 6 | | | 3°34' | | |
| | 96 5 | | | N16°20E | N16°00E |
| Δ26+41 1 | | 14°14' | | | |

Tuesday, Nov. 1, 10.
Fog - Moderate.

Richardson
Gilkie
Rice
Bruce
Welly
Prater - Team.
10 hrs

Mon. Oct. 31, 10.

Sta. 31+26 (Δ can be reduced and support retained.)

# Road B. North of Town.

| Sta | Dist | ΔL. | ΔR. | C.C. | M.C. |
|---|---|---|---|---|---|
| Δ 50+84.2 | | | 26°02' | | |
| | 104.8 | | | N78°12'W | N79°00'W |
| Δ 49+79.4 | | | 58°22' | | |
| | 55.1 | | | S43°26'W | S42°30'W |
| Δ 49+24.3 | | | 92°50' | | |
| | 148.3 | | | S49°24'E | S50°00'E |
| Δ 47+76.0 | | 31°08 | | | |
| | 115.1 | | | S18°16'E | S18°50'E |
| Δ 46+60.2 | | 7°53' | | | |
| | 57.1 | | | S10°23'E | S11°10'E |
| Δ 45+03.1 | | 10°06' | | | |
| | 82.7 | | | S0°17'E | S1°10'E |
| Δ 44+20.4 | | 8°37' | | | |
| | 82.6 | | | S8°20'W | S7°30'W |
| Δ 43+37.8 | | | 2°53' | | |
| | 119.9 | | | S5°27'W | S4°30'W |
| Δ 42+17.9 | | | 44°31' | | |
| | 108.3 | | | S39°04'E | S40°00'E |
| (X in stone) Δ 41+09.6 | | | 119°33' | | |
| | 166.2 | | | N21°23'E | N21°00'E |
| Δ 39+43.4 | | 21°20' | | | |
| | 78.4 | | | N42°43'E | N42°00'E |
| Δ 38+65.0 | | 54°26' | | | |

## Plat J.

Nov. 1, 10

# Road S. N. of Town

## Plat J.

Nov. 1, 10.

| Sta. | Dist | Δ L. | Δ R. | C.C. | N.C. | |
|---|---|---|---|---|---|---|
| Stone | | | | S 75° 22' W | Recorded Bearing | Stone on N. Side of C. Road. } N. of Lot 4 Blk. 1 Plot A. |
| | | | | S 75° 27' W | S 74° 40' W | |
| Δ 60+54.2 | | 120° 12' | | | | Stone on N. Side of C. Road. |
| | 55.2 | | | N 15° 39' E | N 14° 45' E | |
| Δ 59+99.0 | | | 141° 52 | | | Point in E. of Present County Road. |
| | 106.4 | | | S 53° 47' W | S 53° 10' W | |
| Δ 58+92.2 | | | 48° 59' | | | |
| | 166.6 | | | S 4° 57' W | S 4° 20' W | |
| Δ 57+26.0 | | | 10° 02 | | | |
| | 163.3 | | | S 5° 05' E | S 5° 40' E | |
| Δ 55+62.7 | | 0° 04' | | | | |
| | 171.5 | | | S 5° 01' E | S 5° 40' E | |
| Δ 53+91.2 | | 29° 34' | | | | |
| | 115.5 | | | S 24° 33' W | S 23° 40' W | |
| (X in ROCK) Δ 52+75.7 | | 130° 18' | | | | |
| | 85.0 | | | N 25° 09' W | N 25° 30' W | |
| Δ 51+90.7 | | | 27° 01' | | | |
| | 106.5 | | | N 52° 10' W | N 53° 00' W | |
| Δ 50+84.2 | | | 26° 02' | | | |

## Road C. along Timber Line of Plat JK.

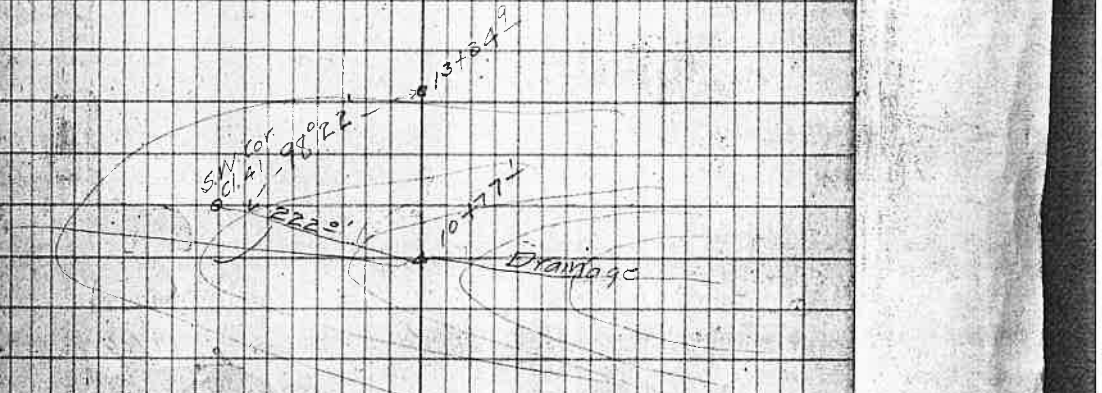
| Sta | Dist | Δ L. | Δ R. | C.C. | M.C. |
|---|---|---|---|---|---|
| Δ 27+35 | | | 48° 15' | | |
| | 115 | | | S 30° 35 E | S 30° 30 E |
| Δ 26+20 | | 42° 41' | | | |
| | 426.3 | | | S 12° 06' W | S 12° 00' W |
| Δ 21+93.8 | | 19° 18' | | | |
| | 500 | | | S 31° 24' W | S 31° 26' W |
| Δ 16+93.7 | | 46° 04' | | | |
| | 80 | | | S 77° 28' W | S 77° 30' W |
| Δ 16+13.6 | | 12° 59' | | | |
| | 148.3 | | | N 89° 33' W | N 89° 40' W |
| Δ 14+65.3 | | | 68° 45' | | |
| | 130.4 | | | S 21° 42' W | S 21° 30' W |
| Δ 13+34.9 | | | 0° 42' | | |
| | 257.8 | | | S 21° 00' W | S 21° 00' W |
| Δ 10+77 | | | 53° 02' | | |
| | 347 | | | S 32° 02' E | S 32° 00' E |
| Δ 7+30 | | 32° 50' | | | |
| | 197.6 | | | S 0° 48' W | S 0° 50' W |
| Δ 5+32.5 | | | 38° 26' | | |
| | 532.5 | | | S 37° 38' E | S 37° 40' E |
| 0.0 on Road C. 7+16 | | | 52° 37' | | |
| | 71.6 | | | N 89° 45' E | N 89° 50' E |
| 0.0 End of Road at SE Cor of JK3 Plat B | | | | N 89° 45' E | N 89° 50' E |

Plat of Road Proposed

Mon. Nov. 14, 10.

Richardson
Gilkie
Rice
Bruce
Prater

5 hrs. in P.M.




Nov.

Thursday, 10, 1.0

Richardson
Rice
Gilkie
Bruce
Kelly
Prater

1 hrs

# Road C - Plat K.

| Sta. | Dist | ΔL | ΔR. | CC | MC |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |
| | | | | | |

# Location of Plate Ditch thro Townsite

N.W. Cor Lot 1. Plat A Blk 1.

380.0 Timber line.

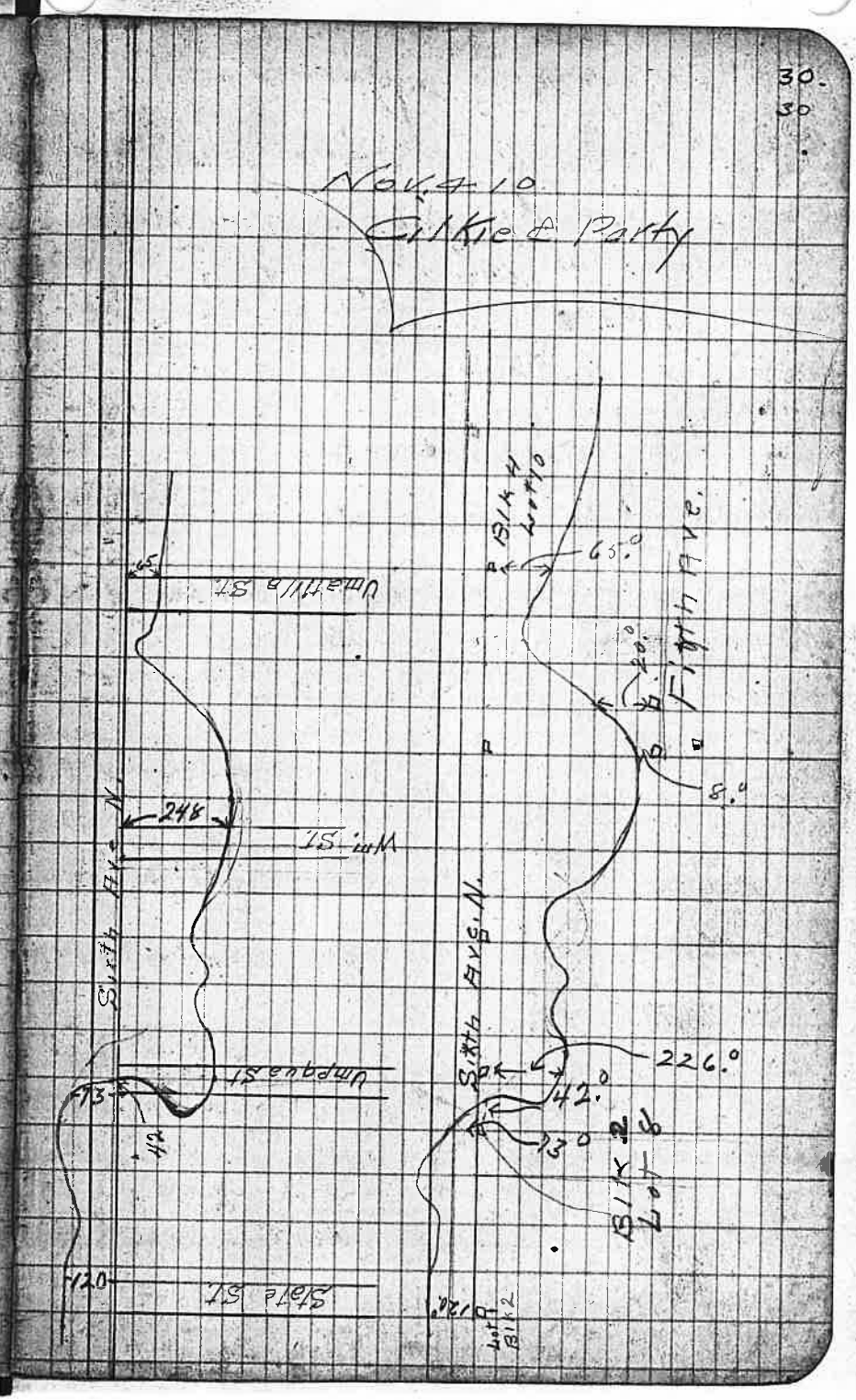
N.E. Cor Lot 1 Blk 1 Plat A

250.0 Timber line



Nov. 4-10

Cinkie & Party



Plowing in

Lot 6 — Plowed. — 7.50 A.
" 5 — " 7.60 A.
" 4 — " 8.00 A
" 3 — " 7.00 A
"
"

Plat B.
Blk. 1.

Dec. 10th 1910 31/31

{Billings
Cornet
Cooper,}

| Timber Sta. | Road Dist. | Through Δ | Plat ΔR. | N C.C. | M.C |
|---|---|---|---|---|---|
| | 86x8 | | | N83°59'W | N84°25'W |
| Δ25 | | 16°42' | | | |
| | 160x7 | | | N67°7'W | N67°55'W |
| Δ24 | | 10°37' | | | |
| | 243.9 243x7 | | | N56°40'W | N57°15'W |
| Δ23 | | | 29°41' | | |
| | 555.0 554x1 | | | N86°21'W | N86°55'W |
| Δ22 | | 16°30' | | | |
| | 95x5 | | | N69°51'W | N70°35'W |
| Δ21 | | 9°51' | | | |
| | 3:18.7 309x0 | | | N60°00'W | N60°32'W |
| Δ20 | | | 18°03' | | |
| | 226x3 | | | N78°03'W | N78°35'W |
| Δ19 | | | 7°24' | | |
| | 158x7 | | | N85°27'W | N86°00'W |
| Δ18 | | 6°39' | | | |
| | 185x3 | | | N78°48'W | N79°25'W |
| Δ17 | | 4°41' | | | |
| | 233x. | | | N74°07'W | N74°35'W |
| Δ16 | | | 42°33' | | |
| | 1999 | | | S63°20'W | S62°45'W |
| Δ15 | | 23°57' | | | |
| | 128x4 | | | S87°17'W | S86°46'W |
| Δ14 | | 20°17' | | | |
| | 251x7 | | | N72°26'W | |

Timber Road through Plat "N"

| Sta. | Dist. | Δ | ΔR. | C.C. | M.C. |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |
| | | | | | |

South Boundary Plat "N"

| Sta | Dist | Δ L. | Σ R. | C.C. | M.C. |
|---|---|---|---|---|---|
| 47+42.6 | | | | | |
| 45+19.5 | | | | | |
| 43+18.7 | | | | | |
| 41+12.6 | | | | | |
| 39+64.8 | | | | | |
| 37+90.4 | | | | | |
| 36+04.9 | | | | | |
| 34+22.7 | | | | | |
| 32+83.1 | | | | | |
| 28+95.5 | | | | | |
| 26+96.2 | | | | | |
| 23+86.6 | | | | | |
| 23+05.5 | | | | | |
| 19+45.5 | | | | | |
| 16+12.2 | | | | | |
| 15+47.4 | | | | | |
| 12+39.4 | | | | | |
| 11+60.9 | | | | | |
| 9+71.2 | | | | | |
| 6+86.3 | | | | | |
| 4+25.0 | | | | | |
| 3+23.2 | | | | | |
| 0+48.2 | | | | | |
| | | | | N89°45'E | |
| 0+00 S.W.Cor | | 9000 | | | |
| | | | | 500'15' | |
| on West bdry 11+88.5 | | | | | |

54+60.3

53+92.5

51+26

49+16.6

Change in Timber Road Plat "N"

| Sta | Dist | Δ L | Δ R. | C.C | M.C |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| Old Δ 23. | | | | | |
| | 497.7 | | | | |
| New Δ 23 | | | | | |
| | 329.9 | | | S74°39'W | S74°03'W |
| New Δ 22 | | 2°03' | | | |
| | 161.8 | | | S76°42'W | S76°05'W |
| New Δ 21 | | 51°39'W | | | |
| | 119.1 | | | N51°39'W | N52°10'W |
| New Δ 20 | | 24°20' | | | |
| | 120.9 | | | N27°19'W | N28°00'W |
| New Δ 19 | | | 48°51' | | |
| | 169.1 | | | N76°10'W | N76°40'W |
| New Δ 18 | | 16°06' | | | |
| | 330.1 | | | N60°04'W | N60°35'W |
| Old Δ 17 | | | 14°03 | | |
| | | | | N74°07'W | |
| Old Δ 16 | | | | | |

(18°59)

# Preliminary Work on The Brown Ranch

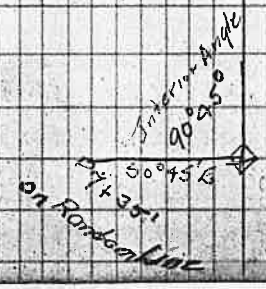
| Sta | Dist | Δ L | Δ R. | C.C | M.C. |
|---|---|---|---|---|---|
| | 230.4 | | | S81°27'E | S82°00E |
| Δ 7 | | | 51°36' | | |
| | 1+96.2 | | | N46°57'E | N46°25E |
| Δ 6 | | 56°51 | | | |
| | 198.1 | | | S76°12'E | S74°00E |
| Δ 5 | | | 12°36 | | |
| | 1661.5 | | | S88°48'E | S88°48'E |
| Δ 4 | | | 32°42' | | |
| | 201.3 | | | N58°30E | N59°50E |
| Δ 3 | | 32°00 | | | |
| | 2952.8 | | | S69°30'E | S69°55E |
| Δ 2 which is | | 89°30 | | | |
| 199.6 West and 100.0° South of ¼ Cor. between Sec 31 & 32 | | | | South | S89°30' W |
| N.W. Cor Cl 48 = S.W. Cor Cl 34 | | | | | |
| | 307.6 | | | N84°47'W | N85°25' W |
| Δ 2 | | | 95°13' | | |
| | 100.0° | | | South | S00°32'E |
| Δ 1 | | 90°00 | | | |
| | 199.6 | | | West | S89°30' |
| 0+00 | | | | | |

6 = Old C.S. State N.E. Cor. Cl 48

S69°00E 201.5'

1664.1 E
34.85

107.2 N
170.4 E.




¼ Post between Sec. 31 & 32
T25S, R5W

# Preliminary Work on Brown Ranch

| Sta | Dist | Δ | AR | C.C. | M.C. |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |
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| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| 26+80.8 | | | | | |
| | 249.00 | | | S89°30'E | |
| Δ 19°0.8 | | 00°26' | | | |
| | 1908 | | | S89°04'E | N89°35'E |
| 26+97.9 | | 89°04' | | | |
| | 26+97.9 | | | South | 31°15 E<br>S00°35E |
| 0+00<br>26+44.9 4/33 5/32 | | | 3°35' | | |
| | 99.2 | | | S3°35'E | S4°10'E |
| 25+45.7 | | 3°35' | | | |
| | 2061.6 | | | South | S00°35E |
| Δ 12 | | | 6°00' | | |
| | 975 | | | S6°00E | S6°30E |
| Δ 11 | | 12°00' | | | |
| | 97.5 | | | S6°00'W | S5°24'W |
| Δ 10 | | | 6°00' | | |
| | 289.1 | | | South | S0°29'E |
| Δ 9 1/2 60' | | | 93°16' | | |
| Δ | 1534 | | | N86°44'E | N86°15'W |
| Δ 8 | | 11°39' | | | |

S00°30E

North to 3" Oak Post
N17°26'40.5

3.0 North to Fence

1.7 Sof True Line

20 South to Fence

4 | 5
33 | 32

S50°45E

32 33

Preliminary Work on Branch

East from Sec Cor 32/33 5/4

| Sta. | Dist. | ΔL | ΔR | C.C. | M.C |
|---|---|---|---|---|---|
| | = 33/34 4. | B | | | |
| 53+08.9 | | | | | |
| | 105.3 | | | S79°43E | S88°55E |
| 52+03.6 | | | 9°22' | | |
| | 371.4 | | | S89°05E | |
| 48+31.2 | | | 0°14' | | |
| | 1393.3 | | | S89°19E | N89°35E |
| 34+37.9 | | | 0 57° | | |
| | 113.9 | | | N89°44E | |
| 33+24.0 | | 0°16' | | | |
| | 781.2 | | | East | N89°30E |
| 25+42.8 | | 0°43' | | | |
| | 172.6 | | | S81°17E | |
| 23+70.2 | | | 0°11 | | |
| | 286.4 | | | S89°28E | |
| 20+83.8 | | | 00°37 | | |
| | 561.7 | | | N89°55E | |
| 15+22.1 | | 00°32 | | | |
| | 217.1 | | | S89°33E | |
| 13+05.0 | | | 0°27' | | |
| | 1305.0 | | | East | N89°20E |
| Sec Cor 32/33 5/4 | | | 90°00' | | |
| | | | | South | S00°40E |

| | |
|---|---|
| (S3069E) | (46.65) |
| 103.6 | 18.85 |
| 371.2 E | 5.95 |
| 1393.2 | 16.65 |
| 113.9 | 0.5 N |
| 781.2 E | |
| 172.6 E | 2.25 |
| 286.4 E | 2.75 |
| 561.7 E | 0.8 N |
| 217.1 E | 1.75 |
| 1305 E | |

| Sta. | Dist | ΔL | AR. | C.C | N.C |
|---|---|---|---|---|---|
| Δ2 | | | 16°87' | | |
| | 932.4 | | | N2°35E | N1°45E |
| Δ1 | | | 2°58' | | |
| | 262.1 | | | N0°23'W | N1°10'W |
| 0+00 | | | | | |
| 31+51.2 | | | 89°52° | | |
| 26 52.4 | | | | | S89°05'W |
| (2585.4) | 414.8 | | | | |
| 22+37.6 | | | | | S88°30'W |
| 27+71.8 | | | | | |
| 0+00 | | | | S89°45'W | N89°20'W |
| 9+30.0 | | 89°1A | | | |
| | 540.8 | | | N1°01'W | N2°00'W |
| 3+89.2 | | 00°31 | | | |
| | 299.1 | | | N0°30'W | N1°20'W |
| 0+40.1 | | | 1°59'. | | |
| | | | | N2°29W | N3°35'W |
| 27+35.1 | | | 87°01 | | |
| | 1314.4 | | | N89°30W | |
| 14+004 | | 2°00° | | | |
| | 154.9 | | | N87°30W | |
| 12+65.8 | | | 2°00' | | |
| | 1265.8 | | | N89°30W | N89°10'W |
| 0+00 | | | | | |
| 26+97.9 | | | 90°30 | | |
| 25+81.2 | | | | | |

Δ 2, 3, 4 on East Bdry O & C. R. R

Fence

30 4 to fence
13.0 02°58'5"

5.+0 Fence

13.0

3.2' 32°51'E

9+30 Anchor Post
28°50'

North

27+11.8 = 12.° North to Fence

| Sta. | Dist. | ΔL. | ΔR | C.C. | M.C. |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| Δ4 | | | | | |
| | 44.4 | | | S 85°32E | |
| 16+57.4 | | 85°32' | 85°02' | | |
| | 7+54.5 | | | S 0°30'E | |
| 19+02.9 | | | 5°34' | | |
| | 412.5 | | | S 6°04E | |
| Δ1490.4 | | 6°34' | | | |
| | | | | S 0°30'W | South |
| N.W. 60 of 148 | | | 94°43' | | |
| | | | | N 89°47W | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| Δ4 | | | | | |
| | 207.7 | | | N 12°19'E | N 11°35E |
| Δ3 | | 6°13' | | | |
| 2402 | 2402 | | | N 18°42'E | N 17°55E |

S 2°04

410.25 43.6E

30.6
16.5
14.1

3149.04 W. 13°00 Ft

# Tract 5 & W of PLAT A
## in Winniford Ranch
## West Portion

| Sta. | Dist | ΔL | ΔR. | C.C. | M.C |
|---|---|---|---|---|---|
| | | | | | |
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| | | | | | |
| | | | | | |
| | Hubin Road | | | | |
| Δ5 | | | | | |
| | 1576.9 | | | N11°50E | |
| Δ4 | | 138°50' | | | |
| | 598.0 | | | S29°20E | S30°05E |
| Δ3 | | | 21°22' | | |
| | 546.1 | | | S50°42E | S51°25E |
| Δ2 | | 17°40' | | | |
| | 311.2 | | | S33°02E | S33°50E |
| Δ Hubin Road | | 25°37' | | | |
| | 423.0 | | | S7°25E | S8°10E |
| Hubin County Road | | 97°37' | | | |
| | 1004.7 | | | N89°48W | S89°20W |
| Pipe in Hog Pen | 2643 59 | | 0°13 | | |
| | 2584 | | | S89°54W | |
| Hubin Road | | | | | |

42

S 1°49' W

M.C.

41 11

Tract South and West of PLANT
East Portion

| Sta. | Dist | Δ L. | Δ T. | C.C. | M. |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |
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| | | | | | |
| | | | | | |
| | | | | | |
| | 1576.9 | | 40°19', 40°20' | N11°50'E | N11°06'E |
| Δ 6 | | | | | |
| | 178.9 | | | N28°30'W | N29°20'W |
| Δ 5 | | | 61°30' | | |
| | 2855 | | | West | S89°12'W |
| Δ 4 | | | 74°58 | | |
| | 2300 | | | S15°02'W | S14°28'W 212.8 |
| Δ 3 | | 00°53'+ | | | |
| | 6946 | | | S15°55'W | S15°20' 668.0 |
| Δ 2 | | | 00°01'+ | | |
| | 842.7 | | | S15°54'W | S14°3[illegible]E 810.4 |
| Δ 1 | | | 105°55'+ | | |
| | 528.9 | | | N89°59'E | |
| Hubin Road 0+00 | | | | | |

Tract including Winniford House

| Sta | Dist | Δ L | Δ R | C.C. | N.C. |
|---|---|---|---|---|---|
| | 5.9 West | 0.87 North of Pipe | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | Plat H | | | |
| | Cor. New | | | | West |
| S.E. | 785.5' | | | S89°55'W | |
| Δ6° | | | 100°19' | | |
| | 241.4 | | | N10°19'E | N10°15'E |
| Δ5 | | | 4°34' | | |
| | 221.7 | | | N5°40'E | N5°03'E |
| Δ4 | | | 4°29' | | |
| | 230.1 | | | N1°11'E | N0°35'E |
| Δ3 | | | 4°41' | | |
| | 225.6 | | | N3°30'W | N4°05'W |
| Δ2 | | | 2°55' | | |
| | 1169.5 | | | N6°25'W | N6°58'W |
| Δ1° | | 95°16' | | | |
| | 283.6 | | | N88°51'E | N88°10'E |
| 0 to 0 3" Oak Post | | | | N5 | |

on South Bdry New Plat H

Point on West Bdry of O & C. Right of Way

0 to 0

S.W. Cor. of S.W. & W. Co's Portion of C138, T25S, R5W

Resurvey of Tract West of R.R.
Block 3 PLAT J

| Sta. | Dist. | ∠ | ∠R. | C.C. | M.C. |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |
| | | | | | |

| Sta. | Dist. | ΔL | ΔR | C.C. | M.C. |
|---|---|---|---|---|---|
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| | | | | | |
| | | | | | |
| Pipe | | | | | |
| Pipe Δ3=SE. Cor. | 184 PLAT G | | 173°02' | S89°51'W | S89°00'W |
| | 99.8 | | | S82°53'W | S82°50'W |
| Δ2 | | 90°23' | | | |
| | 1333.8 | | | N6°44'W | N8°05' |
| Δ1 | | 94°38' | | | |
| | 99.7 | | 92°57' | N87°54'E | N87°20'E |
| 0+00 = N.E. Cor. L1, B3, PLAT "J" | | | | | |
| | | | | N5°03'W | N5°30' |
| | | | | | |

22.3+0 Sta. 13+59.5

Portion of Blk Plat K above Ditch.

| Sta. | Dist | Δ L | Δ R. | C. C | N.C. |
|---|---|---|---|---|---|
| Δ11 | | 42°55' | | | |
| | 101.7 | | | N69°09'E | N68°30 |
| Δ10 | | 40°18' | | | |
| | 348.5 | | | S70°33'E | S70°55'E |
| Δ9 | | 32°22' | | | |
| | 148.4 | | | S38°11'E | S38°31'E |
| Δ8 | | | 42°19' | | |
| | 237.4 | | | S80°36'E | S80°55'E |
| Δ7 | | | 83°16' | | |
| | 123.0 | | | N16°14'E | N15°50'E |
| Δ6 | | 45°47' | | | |
| | 215.5 | | | N66°01'E | N65°35'E |
| Δ5 | | 105°39' | | | |
| | 186.5 | | | S8°20'E | S8°40'E |
| Δ4 | | | 12°08' | | |
| | 123.4 | | | S20°28'E | S21°55'E |
| Δ3 | | 33°54' | | | |
| | 183.9 | | | S13°26'W | S13°15'W |
| Δ2 | | | 23°19' | | |
| | 88.0 | | | S9°48'E | S10°10'E |
| Δ1 | | | 53°03' | | |
| | 420.7 | | | S62°51'E | S63°05'E |
| 0+00 | | 62°08' | | | |
| | | | | S00°43'E | |

0+00 = Pipe S.E. Cor Block 4 Plat I
N.E. Cor Block 5

# Portion of B.H.'s Plan above Ditch

| Sta. | Dist | Δ L | Δ T | C. C. | M. C. |
|---|---|---|---|---|---|
| 606.7 | | | | | |
| | 154.4 | | | East | |
| 4+52.3 | | | | | |
| | 596 | | | East | |
| 3+92.7 | | | | | |
| | | | | East | N89°35 E |
| 0+00 | | | 90°05 | | |
| | | | | 90°05 E | |
| 04825 | | | | | |
| | | | | | |
| | 296.2 | | | 534°33'5 | 532°5 |
| D13 | | | 90°24' | | |
| | 306.7 | | | N55°03' | N54°3 |
| Δ IV | | | 28°49' | | |
| | 230.7 | | | N26°15 E | N25°5 |

2 x 3 c. Pipe
0 1.2 0 606.7
North of HUB

3428

413 South Bank of Creek
35 on Tangent to Creek Centre

| Sta. | Dist | Δ h | Δ R | C.C. | M.C. |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |
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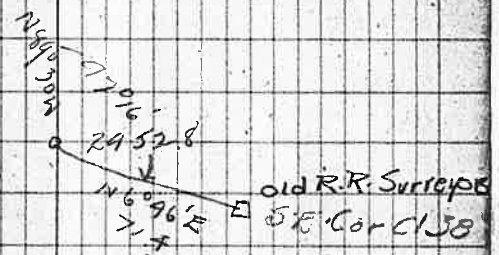
| | | | | | |
| | | | | | |
| | | | | | |
| 0+58.2 = 24 | 52.8 | | | | |
| | 58.2 | | | S85°25'W | S84°50'W |
| 7+39.8 | | | 86°01' | | |
| | | | | S00°36'E | S1°10'E |
| 0+00 33 07.0 | | | 89°24' | S00°36'E | S1°10'E |
| | 99.2 | | | | |
| 3257.8 | | | | | |
| | 3128.4 | | | East | N89°25'E |
| 1+29.4 | | 0°20' | | | |
| | | | | S89°40'E | N89°40'E |
| 0+00 6+91.7 | | | 86°57' | | |
| | 106.9 | | | N3°23'E | N2°55'E |
| 5+84.8 | | | 3°53' | | |
| | | | | N0°30'W | N1°W |
| NW.601 Cl 48 | | | 84°17' | | |
| | | | | N84°47W | |
| | | | | | |




8/16 3257.8
North 7° East @ 353 South 2.9 to fence

6+91.7 old corner

| Sta. | Dist | ∠L | ∠R. | C. C. | M.C. |
|---|---|---|---|---|---|
| | | | | | |
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| | | | | | |
| | | | | | |
| | | | | | |
| 3" Oak Post NE Cor. SE¼ of SW¼ Sec 33 | | | | | |
| | 1304.3 | | | N00°25W | |
| 26+53.0 | | 90°25' | | | |
| | 110.2 | | | East | |
| 25+42.8 | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| 5+306 White Fir 4" 5+27.5 | | | | | |
| | 527.5 | 89°30' | | | |
| Δ1 | | | | North | |
| | 100.7 | | | | |
| 14+225 | | | | | |

Magnetic Variation 20°30' 50.

3" Oak Post ¼ Cor between 4 & 5 from which a 54" Fir bears S14°30'W 15.2 a 32" Fir bears S89°15E 55.6

3" Oak Post Centre Sec 4 T26S R5W. from which 32" Fir bears S13°10'W 28.3 20" Fir bears N41°40W 29.7

3" Oak Post NE Cor of SE¼ of SW¼ Sec 33 from which a 16" B. Oak bears S68°30'W 48.3 22" Fir bears S2°15E 30.5

T25S, T26S

3" Oak Post ¼ Cor between 33 & 4 from which 8" Cedar bears S25°05'E 30.2 and 42" Fir bears N58°30'W 7.5

517.5 to ¼ Cor between 33 & 4

White Fir N.W. Cor Lot 6 Sec 32 from which 24" Oak bears N26°10E 63.5 and 22 B. Oak bears N67°10'W 69.1

White Fir N.E. Cor Lot 6 Sec 32 3" Fir Stk from which 6" Ash bear N28°00'W 9.8 10" Oak bears S38°00W 24.5 8" White Stk from which a 22" Oak bears S37°00W 94.5 10" Cedar bears N70°50E 22.7

East 3.1 to NE. Cor Cor Lot 6 Sec 32

N 1/60 C 10

3/4" x 18" Pipe
& County Road

3" White fir Stk

S.W. Cor. Brown Ranch
from which Telephone
Pole # 249 bears
N 55°40' E 36.9

S.W. Cor Lot 6, Sec 5
from which a 24"
B. Oak bears
S 87°00' W 29.8

Traverse of R. R (O&C) through Brown Ranch

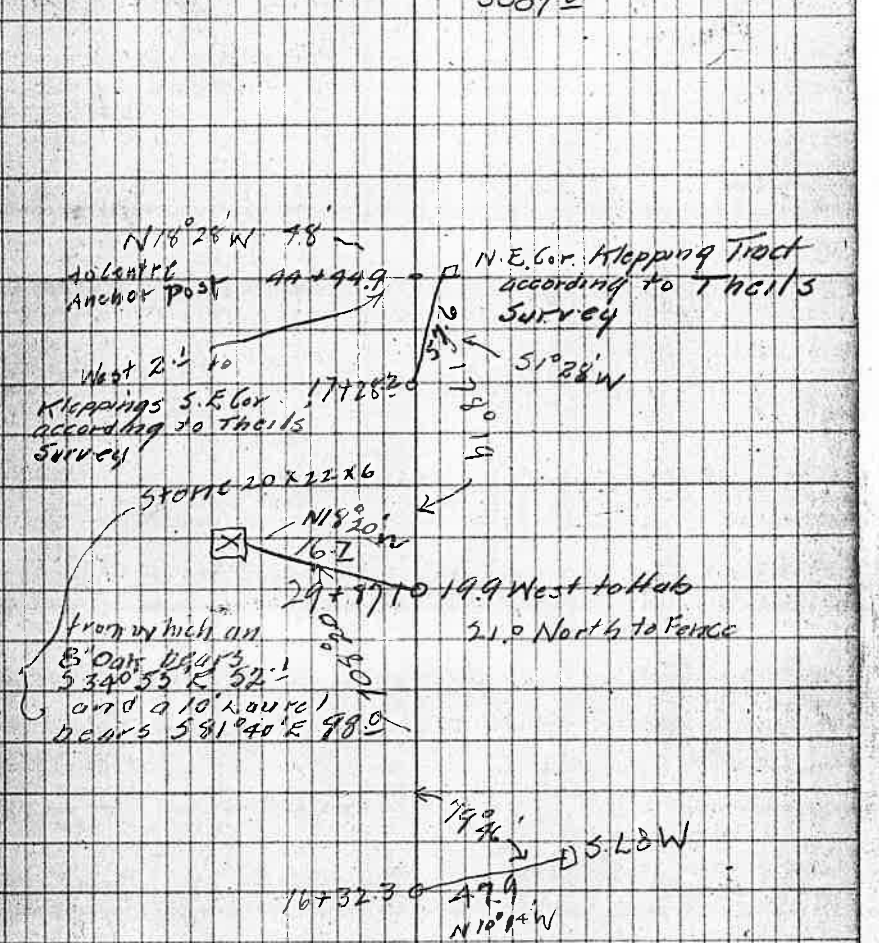
| Sta. | Dist | Δ ∠ | Δ ↗ | C. C | M.C. |
|---|---|---|---|---|---|
| | | See page #41 | | | |
| Δ 9 = Δ 5 | 290.2 | | | | |
| Δ 8 Pipe on Bdry | East R.R. 217.7 | | | S12°29W | |
| | 30.0 | | | East | |
| Δ 7 | 171.0 | | | S99°3'W | |
| Δ 6 | 199.8 | | 3°35' | S5°38'W | S5°35W |
| Δ 5 | 248.8 | | 4°37 | S1°01'W | S1°05'W |
| Δ 4 | 1121.7 | | 4°33 | S3°32E | S4°30E |
| Δ 3 | 231.2 | 4°05' | | S0°33'W | S1°20'W |
| Δ 2 | 246.6 R | 7°42' | | S8°15'W | S7°35'W |
| Δ 1 | 1152.1 | 3°18 | | S11°33'W | |
| Tack & O&C R.R. | 173.1 | | 101°33 | East | |
| 1+29.4 | 129.4 | 0°20' | | S89°40'E | |
| N.W Cor Brown Holdings. | | | | | |

# A.C. Junkins Co. #52
## T-25-S R 5 W. (Durland Tract)

| Sta. | Dist. | ΔL | ΔR. | C.C. | M.C |
|---|---|---|---|---|---|
| 0+00 2+64.0 | | 89°56' | | | |
| | 264.0 | | | South | |
| 2"x6" 0+00 Δ in S Bdry | | | 90°37 | | |
| | 678.3 | | | N89°23'E | N89°00'E |
| 0+00 14+44.9 | | 90°39' | | | |
| | 2716.7 | | | S00°02'E | |
| 17+28.2 | | | 0°11' | | |
| 01 Pitch Traverse Hub East side County Road | 1435.2 | | | S00°13'E | S1°05'E |
| 2+93.0 | | | 1°08' | | |
| | 293.0 | | | S00°55'W | S00°05W |
| 0+00 29+87.1 | | 89°05 | | | |
| 27+30.2 | | | | | |
| 24+48.5 | | | | | |
| 23+03.0 | | | | | |
| 20+94.5 | | | | | |
| 16+32.3 | | | | | |
| 13+58.4 | | | | | |
| 11+76.1 | | | | | |
| 7+85.9 | | | | | |
| 6+99.5 | | | | | |
| 4+35.2 | | | | | |
| 1+45.7 | | | | West | S89°15' |
| N.E Cor | | | 89°31 | | |
| | | | | S00°29' | |



3007.0



C/ 52, T255, R5W.
(Durland Tract)

| Sta. | Dist. | Δ ∠ | Δ R. | C.C | M.C |
|---|---|---|---|---|---|
| N.E Cor C/ 52. | | | | | |
| | 434.8 | | | N00°29'W | |
| 080 Forty West | | 16°24' | | | |
| | 397.1 | | | N15°55E | |
| 0 T00 77+326 West Forty | | | | | |
| | 579 | | | | |
| 21+74.7 | | | | | |
| | 21.74.7 | | | S89°56'E | N89°2 |

South Bdry PLAT "C"

| Sta. | Dist | Δ | ΔR | C.C. | M.C. |
|---|---|---|---|---|---|
| 72 | 72 South to 55+21.1 | | | | |
| S.E. Cor Lot 22 | | | | | |
| | 17.4 | | | 55°37'W | |
| 31+66.4 | | | 95°37' | | |
| 1+85.7 | | | 1°00' | | |
| | 76.1 | | N 9[illegible] E | N89°00'E | |
| 9+09.6 | | 1°00 | | | |
| | 709.6 | | | East | |
| S.W. Cor Lot 22 Pipe | | | | | |

N00°10'W 65.3

East Bdry PLAT "C"

| Sta | Dist | | Sta | Dist |
|---|---|---|---|---|
| | 299.7 | | | |
| 14 & 15 | | | | |
| | 299.9 | | | |
| 13 & 14 | | | | |
| | 295.4 | | | |
| 12 & 13 | | | | |
| | 298.7 | | | |
| 11 & 12 | | | | |
| | 298.8 | | | |
| 10 & 11 | | | 22 | |
| | 299.1 | | | 347.9 |
| 9 & 10 | | | 21 & 22 | |
| | 299.0 | | | 237.6 |
| 8 & 9 | | | 20 & 21 | |
| | 300.0 | | | 297.4 |
| 7 & 8 | | | 19 & 20 | |
| | 298.0 | | | 299.0 |
| 6 & 7 | | | 18 & 19 | |
| | 300.0 | | | 299.1 |
| 5 & 6 | | | 17 & 18 | |
| | 297.8 | | | 299.8 |
| 4 & 5 | | | 16 & 17 | |
| | 344.0 | | | 298.8 |
| 3 & 4 | | | 15 & 16 | |
| | | | | |

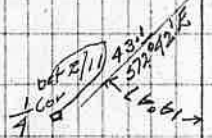
5709.6

# South Boundary Traverse Sec 2 T 25 S., R 5 W.

| Sta. | Dist | ΔL | ΔR. | C.C. | M.C. |
|---|---|---|---|---|---|
| | | | | N89°51'W | S89°30'W |
| 44+21.0 | | 00°22 | | | |
| 42+86.9 | | | | | |
| 41+63.0 | | | | | |
| 40+80 | | | | | |
| 39+41.0 | | | | | |
| 37+35.9 | | | | | |
| 26+83.8 | | | | | |
| 24+39.5 | | | | | |
| 21+99.8 | | | | | |
| 20+84.8 | | | | | |
| 19+83.0 | | | | | |
| 17+77.8 | | | | | |
| 15+34.5 | | | | | |
| 12+01.0 | | | | | |
| 10+79.1 | | | | | |
| 9+80.9 | | | | | |
| 9+08.7 | | | | | |
| 8+44.9 | | | | | |
| 6+44.6 | | | | | |
| 4+76.5 | | | | | |
| 3+23.1 | | | | | |
| 1+89.8 | | | | | |
| 2\|11 | | | | N89°29'W | N89°53'W |
| 1\|12 | | | | | |
| 0+00 | | | | | |

39+41.0 ø to White Fir 5 Hr from which 9.6" Oak bears S31°45'E 48.5 and 12" Black Oak bears S49°20'W 32.0'

ø 26+93.8




M 1.62 BK

# Traverse Boundary Sec 2
## South T 25 S, R 5 W.

| Sta. | Dist. | Δ L | Δ R. | C. C. | M.C. |
|---|---|---|---|---|---|
| Stone Scribed 2 \| 3 / 11 \| 10 | | | | | |
| | 10.6 | | | S9°35'W | S9°12'W |
| 52+75.0 | | 80°34' | | | |
| 49+68.3 | | | | | |
| 47+91.7 | | | | | |
| 46+98.5 | | | | | |
| 45+86.7 | | | | N89°51'W | |

Traverse

East Bdry Sec 2 T25S R5W.

| Sta. | Dist. | Δ∠ | AR. | C.C. | M.C |
|---|---|---|---|---|---|
| 22+94.6 | | 3°05' | | | |
| | 216.3 | | | | |
| 20+78.3 | | | | N3°00'E | N2°35E |
| | 177.8 | | | | |
| 19+00.5 | | | 2°38' | | |
| | | | | N00°22'E | N00°03E |
| | 228.7 | | | | |
| 16+71.8 | | | 2°03' | | |
| | | | | N1°41'W | N2°00'W |
| | 186.3 | | | | |
| 14+85.5 | | | | | |
| | | | | N1°31'W | N1°50'W |
| | 261.3 | 0°10' | | | |
| 12+24.2 | | | 1°25' | | |
| | | | | N2°56'W | N3°15W |
| | 76.0 | | | | |
| 11+48.2 | | 00°26 | | | |
| | | | | N2°30'W | N2°50'W |
| | 215.7 | | | | |
| 9+32.5 | | 2°37' | | | |
| | | | | N00°07'E | N00°17'W |
| | 91.8 | | | | |
| 8+40.7 | | | 3°31' | | |
| | | | | N3°24'W | N4°00'W |
| | 338.6 | | | | |
| 5+02.1 | | 2°36' | | | |
| | | | | N00°48'W | N00°30'W |
| | 198.4 | | | | |
| 3+03.7 | | | 2°39' | | |
| | | | | N3°27'W | |
| | 126.4 | | | | |
| A1+77.3 | | 1°08' | | N3°27'W | N3°50'W |
| | | | | N2°19'W | |
| | 177.3 | 1°08 | | | |
| Sec. Cor. | | | | N2°19'W | N2°32'W |
| 2 \| 2 | | | | | |
| 11 \| 12 | | | 95°23' | | |
| | | | | S82°18'W | S82°0'W |

Traverse

East Bdry Sec. 2, T25S, R5W.

| Sta. | Dist. | ΔL | ΔR | C.C. | M.C. |
|---|---|---|---|---|---|
| | 196.0 | | | N0014'E | N0010'W |
| 49+65.0 | | 2°51' | | | |
| | 103.7 | | | N3°05'E | N2°35'E |
| 48+61.3 | | | 2°50' | | |
| | 253.6 | | | N0°15'E | N0°04'W |
| 46+07.7 | | | 00°19' | | |
| | 292.1 | | | N0004'W | N0027'W |
| 43+15.6 | | 5°26' | | | |
| | 120.9 | | | N5°30'E | N5°30'E |
| 41+94.7 | | | 8°37 | | |
| | 258.8 | | | N3°07'W | N3°18'W |
| 39+35.9 | | 3°18' | | | |
| | 42.7 | | | N0°11'E | N0°30'E |
| 38+93.2 | | | 1°51 | | |
| | 691.1 | | | N1°40'W | N2°50'W |
| 32+02.1 | | | 1°10' | | |
| | 118.7 | | | N2°50'W | N3°35'W |
| 30+83.4 | | 00°45' | | | |
| | 135.2 | | | N2°05'W | N2°35'W |
| 29+48.2 | | 00°13' | | | |
| | 123.0 | | | N1°52'W | N2°30'W |
| 28+25.2 | | | 00°44' | | |
| | 256.4 | | | N2°36'W | N3°20'W |
| 25+68.8 | | 2°31' | | | |
| | 274.2 | | | N00°05'W | N00°31'W |

# Traverse

North & East of Sec 2 T25S R5W

| Sta. | Dist. | Δ L | Δ R. | C. C. | M. C. |
|---|---|---|---|---|---|
| 14+39.4 | | | 00°30' | | |
| | 133.8 | | | S89°41'W | S89°2[illegible] |
| 13+00.6 | | 00°58' | | | |
| | 207.2 | | | N89°21'W | N89°30'W |
| 10+93.4 | | | 00°15 | | |
| | 167.1 | | | N89°36'W | N89°55'W |
| 9+26.3 | | 1°27' | | | |
| | 157.8 | | | N88°09'W | N88°34'W |
| 7+68.5 | | | 6°44 | | |
| | 151.8 | | | S85°07'W | S84°40'W |
| 6+16.7 | | 3°39' | | | |
| | 88.9 | | | S88°46'W | S88°20'W |
| 5+27.8 | | 00°15' | | | |
| | 98.8 | | | S89°01'W | S88°30'W |
| 4+29.0 | | 1°37' | | | |
| | 166.0 | | | N89°22'W | S89°50'W |
| 2+63.0 | | | 1°33' | | |
| | 79.6 | | | S89°05'W | S89°[illegible]W |
| 1+83.4 | | 1°13' | | | |
| | 183.4 | | | N89°42'W | S89°55'W |
| 53+24.3 | | 74°42' | | | |
| 1/2 36' 35 Sec Cor | 69.3 | | | N15°00'W | N15°[illegible] |
| 52+55.0 | | 13°33' | | | |
| | 94.0 | | | N1°27'W | N1°55'W |
| 51+61.0 | | 1°41' | | | |

C. C. T. L. 1°07'W

# Traverse

## North Boundary Sec 2, T25S, R5W

| Sta. | Dist. | Δ L | Δ R | C.C. | M.C. |
|---|---|---|---|---|---|
| | 168.4 | | | S87°54'W | S87°10'W |
| 39+49.9 | | 2°05' | | | |
| | 480.1 | | | S89°59'W | S89°10'W |
| 34+69.8 | | 1°21' | | | |
| | 242.1 | | | N88°40'W | N89°00W |
| 32+27.7 | | | 00°45' | | |
| | 127.1 | | | N89°25W | S76°52'W |
| 31+00.6 | | 5°37' | | | |
| | 175.7 | | | N83°48'W | N84°10'W |
| 29+24.9 | | | 5°43' | | |
| | 171.4 | | | N89°31'W | West. |
| 26+53.5 | | 0°22' | | | |
| | 61.5 | | | N89°09'W | N89°30'W |
| 25+92.0 | | 0°55' | | | |
| | 226.3 | | | N88°14'W | N88°42'W |
| 23+65.7 | | | 3°02' | | |
| | 255.9 | | | S88°40'W | S88°10'W |
| 21+09.8 | | | 1°08' | | |
| | 184.8 | | | S87°32'W | S87°02'W |
| 19+25.0 | | 1°45' | | | |
| | 131.3 | | | S89°17'W | |
| 17+93.7 | | 0°40' | | | |
| | 112.7 | | | S89°57'W | S89°27'W |
| 16+81.0 | | 00°14' | | | |
| | 246.6 | | | N89°49'W | S89°50'W |

39+49.9 ○ 31.3 West 13.45
31" White Fir Stk
from which a 30" Oak
bears N32°30E 38.0
and a Oak bears
S79°30E 40.6

N41°40W

N2°41'E

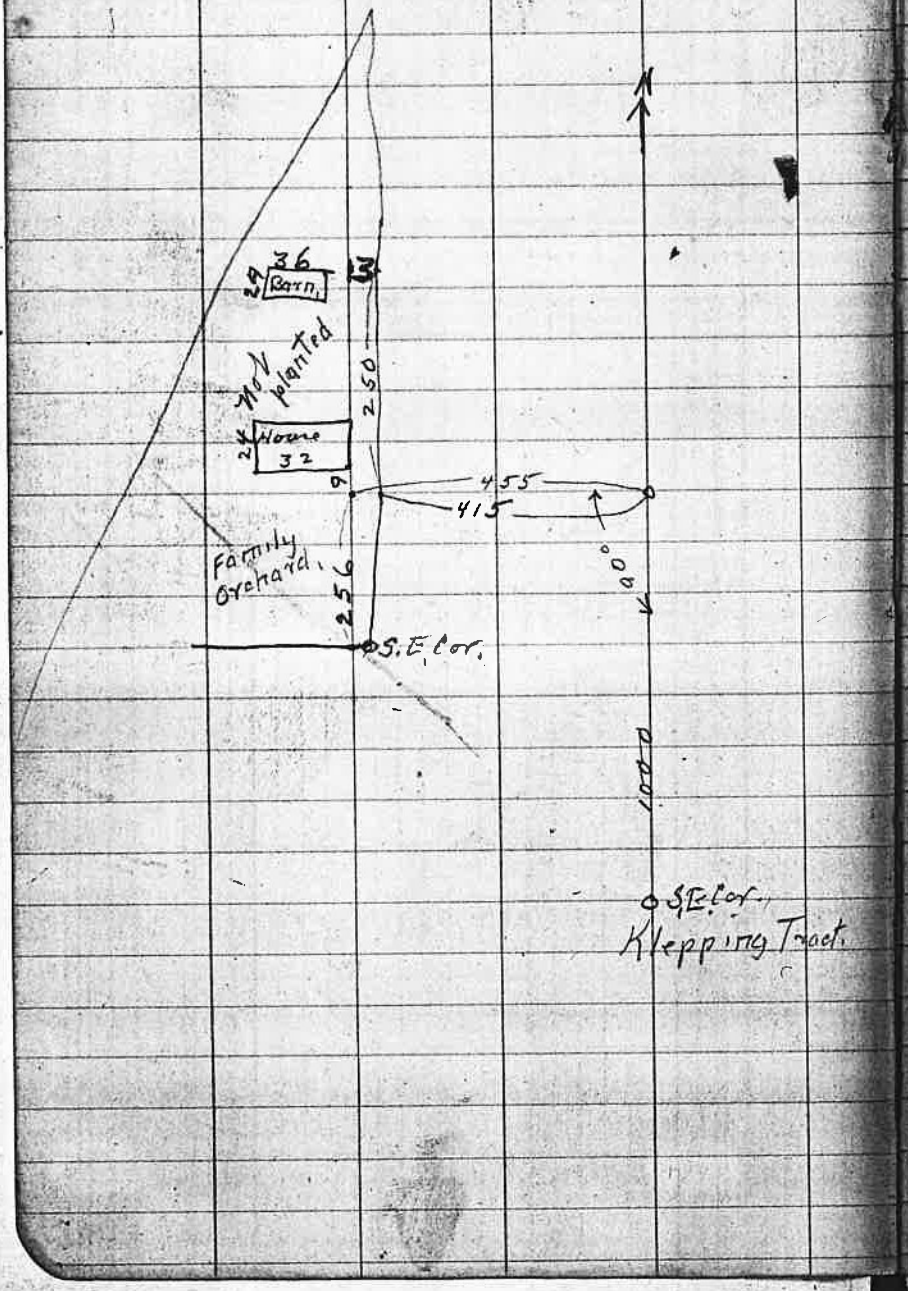
26+53.5 ○ 12.6 Δ 1/4 Cor bet 35 & 2
31" Oak Stk

S81°19'E

North Bdry Sec 8 T35S R5W.

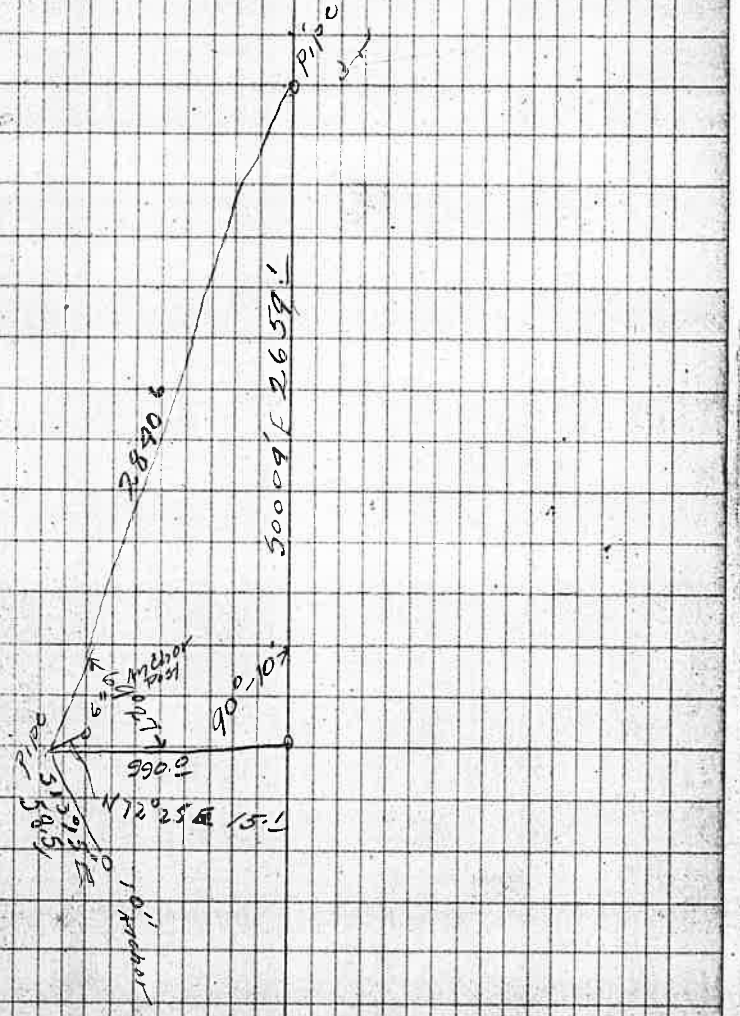
| Sta. | Dist | ΔL | ΔR | C.C. | M.C. |
|---|---|---|---|---|---|
| Stone Sec. cor 34 \| 35 3 \| 2 5308.9 | | | | | |
| | 562.9 | | | N89°20'W | N89°40'W |
| 47+46.0 | | | 2°53' | | |
| | 213.9 | | | S87°47'W | S86°50'W |
| 45+32.1 | | 2°17' | | | |
| | 167.1 | | | N89°56'W | S89°20'W |
| 43+64.4 | | | 2°07' | | |
| | 126.7 | | | S89°57'W | S87°15'W |
| 42+38.2 | | 2°19' | | | |
| | 119.9 | | | N89°44'W | S89°3[illegible]W |
| 41+18.3 | | | 2°22' | | |

# Klepping Land.




May 30th 1911 64.

Worstell & Crew



# Field Book No. 79

# Pages 65 -77 Blank

| Sta | Dist | Δ b | ∠R | C.C | M.C |
|---|---|---|---|---|---|
| | | | | | |

Re-established from B.T.

S.K. for C1 A2 T2 65 R5W

50.7

Δ1+62.5

167.5 (17°31')

19°07

S18°43'W

S00°24'E

2°05

S2°39'E

-27+11.8

S00°05'E

East 603.7

+952.9

307.6

3260.4

654.5
100
554.5
151.5
736.0

1188.7

All to S.E. Cor 10

Across lot 6 654.5

10

Across lot 9 West 380.7 to S.E. Cor. to D point Lot 9

168

N.E. Cor lot 7 168 to Creek 215 to West bank

231.6 to Angle point Lot 11

| | Dist | To bank | Across |
|---|---|---|---|
| West Bdry 4 | | 44.0 | 25 |
| S.E. Cor lot 6 Plat | | 29.0 | 36.0 |
| S.E. Cor lot 7 | | 22.0 | 40.0 |
| A in lot 8 | | 10.0 | 65.0 |
| A in lot 9 | | 18.0 | 22.0 |
| 1.95 East from Angle in lot 9 | 205.7 | 79.0 | 21.0 |
| S.E. Cor lot 9 | | 71.0 | 19.0 |
| 100' E of S.W. Cor lot 10 | | 16.0 | 20.0 |
| 163 West of S.E. Cor lot 10 | | 50.0 | 26.0 |

18.25
16.25
2.0
360.7
17.5
205.7

866
.57
1.33 0

866 3147.3
57
4062
4330

## Table IV.—Minutes in Decimals of a Degree.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1' | .0167 | 11' | .1833 | 21' | .3500 | 31' | .5167 | 41' | .6833 | 51' | .8500 |
| 2 | .0333 | 12 | .2000 | 22 | .3667 | 32 | .5333 | 42 | .7000 | 52 | .8667 |
| 3 | .0500 | 13 | .2167 | 23 | .3833 | 33 | .5500 | 43 | .7167 | 53 | .8833 |
| 4 | .0667 | 14 | .2333 | 24 | .4000 | 34 | .5667 | 44 | .7333 | 54 | .9000 |
| 5 | .0833 | 15 | .2500 | 25 | .4167 | 35 | .5833 | 45 | .7500 | 53 | .9167 |
| 6 | .1000 | 16 | .2667 | 26 | .4333 | 36 | .6000 | 46 | .7667 | 56 | .9333 |
| 7 | .1167 | 17 | .2833 | 27 | .4500 | 37 | .6167 | 47 | .7833 | 57 | .9500 |
| 8 | .1333 | 18 | .3000 | 28 | .4667 | 38 | .6333 | 48 | .8000 | 58 | .9667 |
| 9 | .1500 | 19 | .3167 | 29 | .4833 | 39 | .6500 | 49 | .8167 | 59 | .9833 |
| 10 | .1667 | 20 | .3333 | 30 | .5000 | 40 | .6667 | 50 | .8333 | 60 | 1.0000 |

## Table V.—Inches in Decimals of a Foot.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-16 | 3-32 | 1/8 | 3-16 | 5-16 | 3/8 | 1/2 | 5/8 | 3/4 | 7/8 | | |
| .0052 | .0078 | .0104 | .0156 | .0208 | .0260 | .0313 | .0417 | .0521 | .0625 | .0729 | |
| | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | |
| .0833 | .1667 | .2500 | .3333 | .4167 | .5000 | .5833 | .6667 | .7500 | .8333 | .9167 | |

## Table VI.—Radii, Ordinates and Deflections.

| Deg. | Radius | Mid Ord | Tan Def. | Chd Def. | Def for 1 Foot | Deg. | Radius | Mid. Ord. | Tan Def. | Chd. Def. | Def. for 1 Foot |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° 10' | 34377. | .036 | .145 | .291 | 0.05' | 7° 0 | 819.0 | 1.528 | 6.105 | 12.21 | 2.10' |
| 20 | 17189. | .073 | .291 | .582 | 0.10 | 20 | 781.8 | 1.600 | 6.395 | 12.79 | 2.20 |
| 30 | 11459. | .109 | .436 | .873 | 0.15 | 30 | 764.5 | 1.637 | 6.540 | 13.08 | 2.25 |
| 40 | 8594.4 | .145 | .582 | 1.164 | 0.20 | 40 | 747.9 | 1.673 | 6.685 | 13.37 | 2.30 |
| 50 | 6875.5 | .182 | .727 | 1.454 | 0.25 | 8 0 | 716.8 | 1.746 | 6.976 | 13.95 | 2.40 |
| 1 | 5729.6 | .218 | .873 | 1.745 | 0.30 | 20 | 688.2 | 1.819 | 7.266 | 14.53 | 2.50 |
| 10 | 4911.2 | .255 | 1.018 | 2.036 | 0.35 | 30 | 674.7 | 1.855 | 7.411 | 14.82 | 2.55 |
| 20 | 4297.3 | .291 | 1.164 | 2.327 | 0.40 | 40 | 661.7 | 1.892 | 7.556 | 15.11 | 2.60 |
| 30 | 3819.8 | .327 | 1.309 | 2.618 | 0.45 | 9 0 | 637.3 | 1.965 | 7.846 | 15.69 | 2.70 |
| 40 | 3437.9 | .364 | 1.454 | 2.909 | 0.50 | 20 | 614.6 | 2.037 | 8.136 | 16 27 | 2.80 |
| 50 | 3125.4 | .400 | 1.600 | 3.200 | 0.55 | 30 | 603.8 | 2.074 | 8.281 | 16.56 | 2.85 |
| 2 | 2864.9 | .436 | 1.745 | 3 490 | 0.60 | 40 | 593.4 | 2.110 | 8.426 | 16 85 | 2.90 |
| 10 | 2644.6 | .473 | 1.891 | 3,781 | 0.65 | 10 | 573.7 | 2.183 | 8.716 | 17.43 | 3.00 |
| 20 | 2455.7 | .509 | 2.036 | 4,072 | 0.70 | 30 | 546.4 | 2.292 | 9.150 | 18.30 | 3.15 |
| 30 | 2292.0 | .545 | 2.181 | 4,363 | 0.75 | 11 | 521.7 | 2.402 | 9.585 | 19.16 | 3.30 |
| 40 | 2148.8 | .582 | 2.327 | 4,654 | 0.80 | 30 | 499.1 | 2 511 | 10.02 | 20.04 | 3.45 |
| 50 | 2022.4 | .618 | 2.472 | 4.945 | 0.85 | 12 | 478.3 | 2.620 | 10.45 | 20.91 | 3.60 |
| 3 | 1910.1 | .655 | 2.618 | 5.235 | 0 90 | 30 | 459 3 | 2.730 | 10.89 | 21 77 | 3.75 |
| 10 | 1809.6 | .691 | 2.763 | 5.526 | 0.95 | 13 | 441.7 | 2.839 | 11.32 | 22.64 | 3.90 |
| 20 | 1719.1 | .727 | 2.908 | 5.817 | 1.00 | 30 | 425.4 | 2.949 | 11.75 | 23.51 | 4.05 |
| 30 | 1637.3 | .764 | 3.054 | 6,108 | 1.05 | 14 | 410 3 | 3.058 | 12.18 | 24 37 | 4.20 |
| 40 | 1562.9 | .800 | 3.199 | 6.398 | 1.10 | 30 | 396.2 | 3.168 | 12.62 | 25.24 | 4.35 |
| 50 | 1495.0 | .836 | 3.345 | 6,689 | 1.15 | 15 | 383.1 | 3.277 | 13.05 | 26.11 | 4.50 |
| 4 | 1432.7 | .873 | 3.490 | 6.980 | 1.20 | 30 | 370 8 | 3.387 | 13.49 | 26.97 | 4.65 |
| 10 | 1375.4 | .909 | 3.635 | 7.271 | 1.25 | 16 | 359.3 | 3.496 | 13.92 | 27 84 | 4.80 |
| 20 | 1322.5 | .945 | 3.718 | 7.561 | 1.30 | 30 | 348.5 | 3.606 | 14 35 | 28 70 | 4 95 |
| 30 | 1273.6 | .982 | 3.926 | 7,852 | 1.35 | 17 | 338.3 | 3.716 | 14.78 | 29.56 | 5.10 |
| 40 | 1228.1 | 1.018 | 4.071 | 8.143 | 1.40 | 18 | 319 6 | 3,935 | 15 64 | 31.29 | 5.40 |
| 50 | 1185.8 | 1.055 | 4.217 | 8,433 | 1.45 | 19 | 302.9 | 4.155 | 16 51 | 33.01 | 5 70 |
| 5 | 1146.3 | 1.091 | 4 362 | 8,724 | 1 50 | 20 | 287.9 | 4'374 | 17.37 | 34.73 | 6 00 |
| 10 | 1109.3 | 1.127 | 4.507 | 9,014 | 1.55 | 21 | 274.4 | 4.594 | 18.22 | 36 44 | 6.30 |
| 20 | 1074.7 | 1.164 | 4.653 | 9,305 | 1.60 | 22 | 262 0 | 4.814 | 19 08 | 38.16 | 6.60 |
| 30 | 1042.1 | 1.200 | 4.798 | 9.596 | 1.65 | 23 | 250.8 | 5 035 | 19.94 | 39 87 | 6.90 |
| 40 | 1011.5 | 1.237 | 4.943 | 9,886 | 1.70 | 24 | 240 5 | 5.255 | 20.79 | 41 58 | 7.20 |
| 50 | 982.6 | 1.273 | 5.088 | 10,18 | 1.75 | 25 | 231.0 | 5.476 | 21 64 | 43.28 | 7.50 |
| 6 | 955.4 | 1.309 | 5.234 | 10,47 | 1.80 | 26 | 222.3 | 5.697 | 22.50 | 44 99 | 7.80 |
| 10 | 928 6 | 1.346 | 5.379 | 10,76 | 1.85 | 27 | 214.2 | 5.918 | 23.35 | 46 69 | 8 10 |
| 20 | 905.1 | 1.382 | 5.524 | 11.05 | 1 90 | 28 | 206 7 | 6.139 | 24.19 | 48.38 | 8 40 |
| 30 | 881.9 | 1.418 | 5.669 | 11.34 | 1 95 | 29 | 199 7 | 6.360 | 25.04 | 50.07 | 8.70 |
| 40 | 859.9 | 1.455 | 5.814 | 11.63 | 2.00 | 30 | 193.2 | 6.583 | 25.88 | 51.76 | 9.00 |

12

14 N 72°26'W

6759
66
40554
40554
4459.94

96°51 to left
M.C. 57°40'E
C.C. 57°06'E

1268 to Δ 14
Timber Road

3353

42°02 to left
(M.C 547°03'W)
C.C. 547°43'W)

1301.2 to Δ 24
Timber Road

| | W.S. | E |
|---|---|---|
| 687 = | 1125.0 | 1138.5 |
| 788 = | 1065 | 1079.0 |
| 9810 = | 955 | 973.0 |

4556
66
27336
27336
3006.96

255'
66
1530
1580
1683.0

S 18°55'W

S.W. Cor. C1 45 = 3" Oak Post
from which a 6" Laurel bears
S18°55'W 23.4
and 6" Fir bears N44°35E 34.4

S.W. Cor. "Plat N" 3" Oak Post
from which a 20" Fir bears
N67°50W 39.7
and 11" Fir bears S26°15E 31.0

68 45
21 44
89 89
90 29
89 60
29
89 31

17960
141
17819

N 89°49'E

89 89
14 47
89 60

89°30
9716
186 46

323
8657
89 80

539 25
347.9

8 90 20 40 5

86 6
57
606 2
4330
4936 2

S 00°29'E

16°24'
29

S 15°55'W