

Dr. 8 - Bk. 6

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

Lake Imp. Survey

SAVAGE LAKE

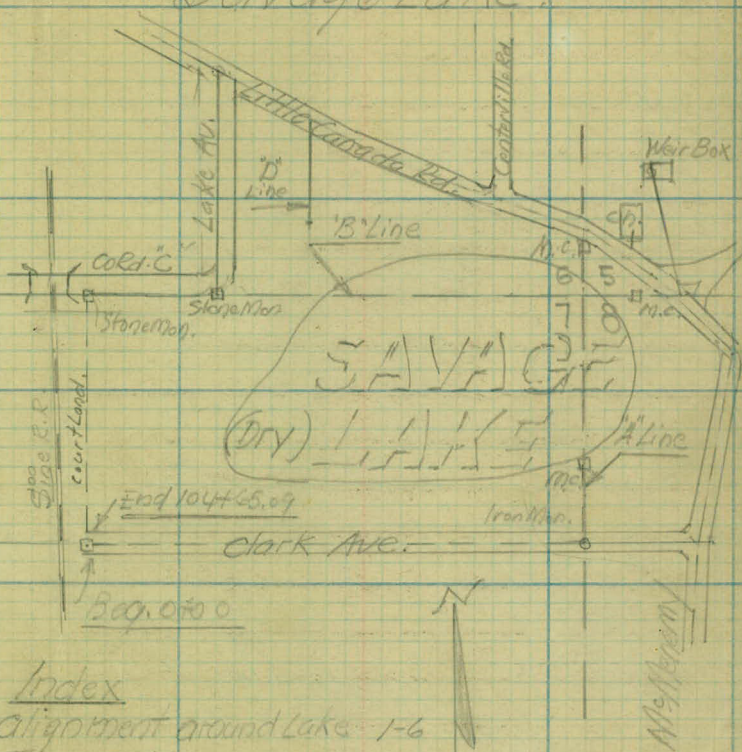
From..... To.....

Road Acc't. No.

Date Filed 1935

File

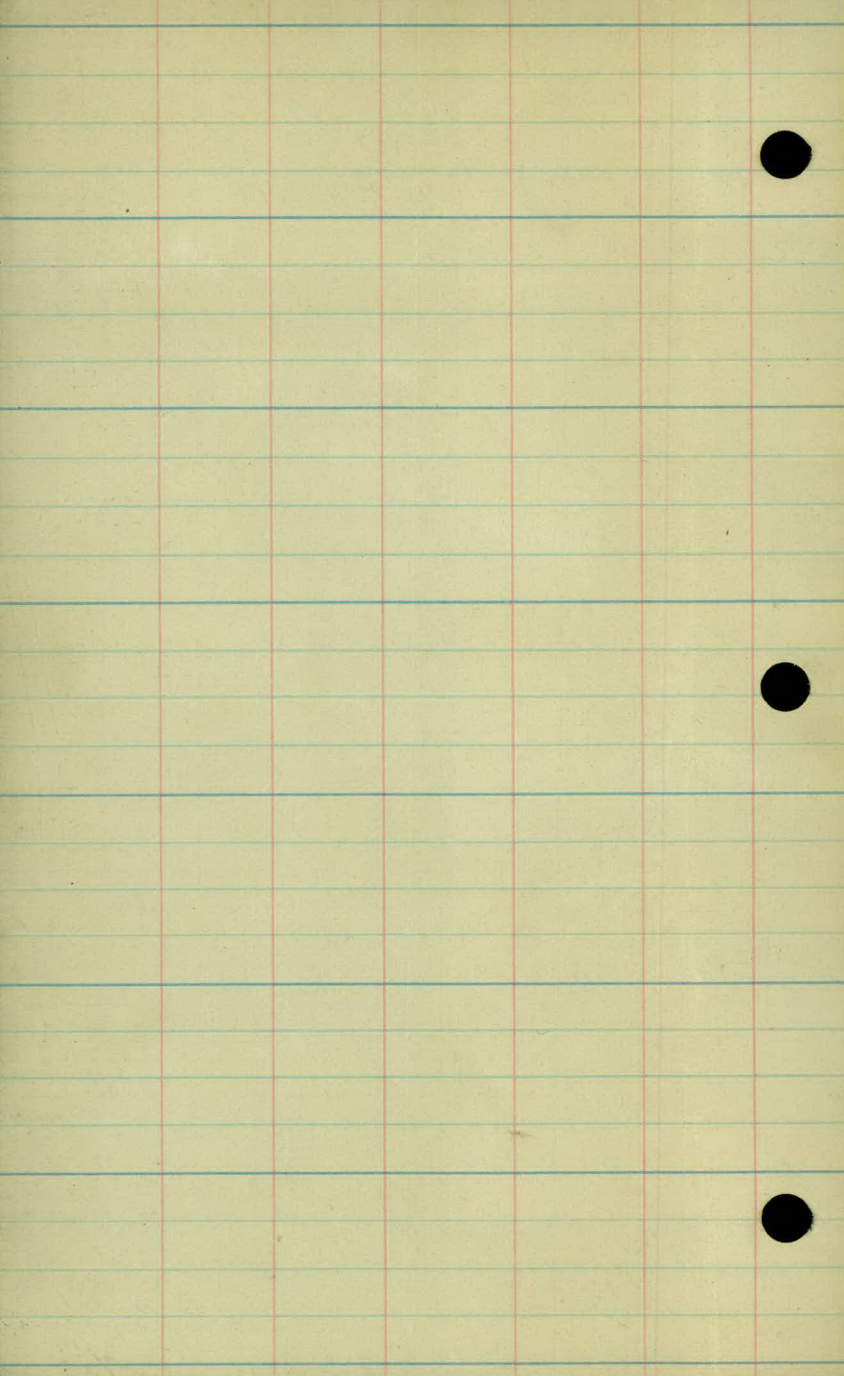
Survey of
Savage Lake.



Index

alignment around Lake	1-6
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Stadia	52-66
Top of Rail Elev.	67-70

W. A. Carlson
Aug. 1935



alignment.

Sta. Point A Lt. A Rt. Bear.

31+50.92

82°26'

N-7°09'-E

26+26.42 P.I.

0°48'

N-89°35'-E

14+79.90 P.O.T.

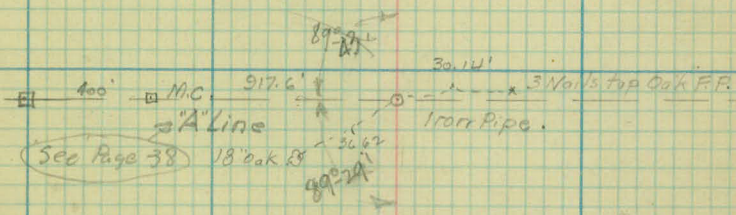
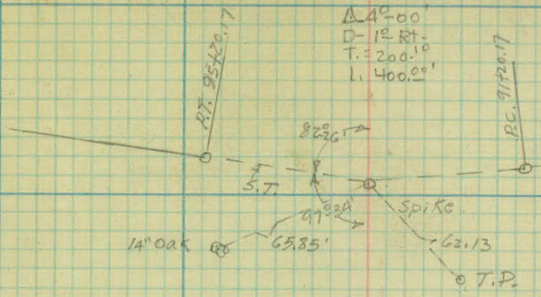
13+30.83 P.O.T.

S-89°37'-E

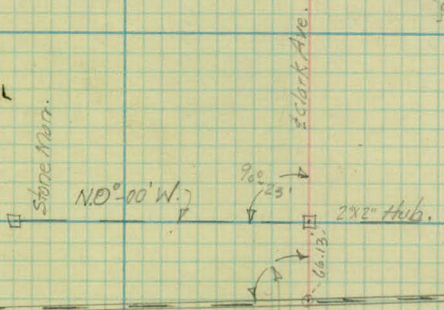
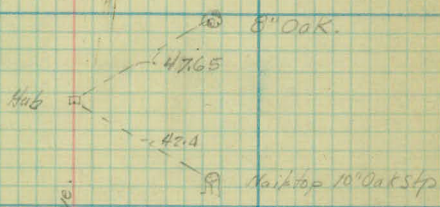
0+00

8/2/35 2
 W.H.C.
 H.A. Wilke
 R. Anker
 L.B. Hendrix
 E.M. McGonery

$\Delta 42-00$
 $D-12$ RT.
 $T=200.10$
 $L=400.00'$



(See Page 38)



RR.

See Chart Ar. Survey
 for Δ

Sta. Point A Lt. Δ Rt. Bear.

N-43°19'-W.

46+12.14 P.T. 1°20' P.I. 45+45.51

46+0 1°12.7' Δ 2°40' Rt

45+50 0°42.7 D = 2°00' ✓

45+00 0°12.7' T. 66.7 ✓

21.19 44+78.81 P.C. 0°00' L.C. 133.33 ✓

44+52.93 P.T. 1°03½' P.I. 44+0

Δ 2°07' Lt.

44+0 0 D. 2°00' ✓

43+47.1 P.C. 0°00' T. 52.9 ✓

L. 105.88 ✓

43+14.41 P.T. 25°

43 24°18' 17° Lt. ✓

+50 26°03' Δ 51°01'

42 15°48' P.I. 41+75.7

+50 11°33' T. 161.40 ✓

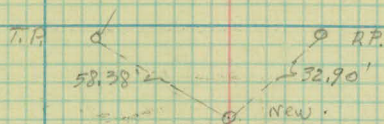
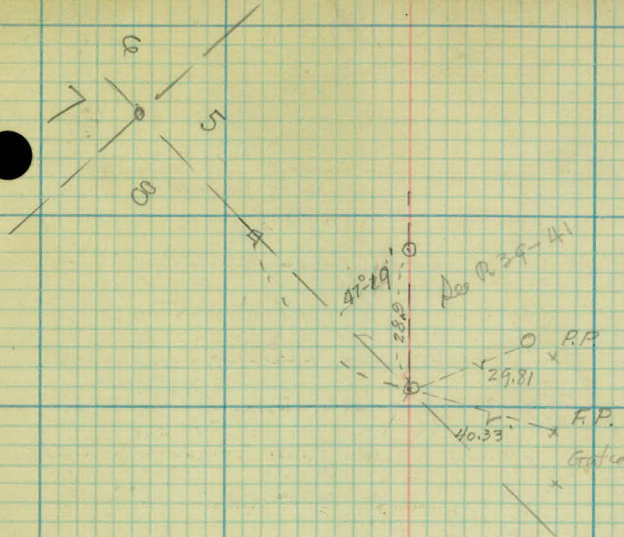
41 7°18' L. 300.10 ✓

+50 3°03' R. 338.27 ✓

40+14.31 P.C. 0°00'

N-45°59'-W.

N-43°52'-W.



$$\begin{array}{r}
 41 \times 17.7 \\
 1 \quad 61.4 \\
 \hline
 39156.3
 \end{array}$$

6th P. 1
R.R. Spike

Sta. Point Δ Lt. Δ Rt.

N-09°-15'-W.

56+07.24 P.T. 7°-06'

56 6°-44.3' P.I. 55+36.70

Δ 14°-12'

+50 4°-44.3' 10°-00' C.Lt. ✓

T. 71.46 ✓

55 12°-44.3' L. 142.00 ✓

12°-46.3'

54+65.24 P.C. 0°-00'

N-55°-03'-W.

53+08.34 P.I. 0°-58'

N-54°-05'-W.

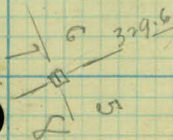
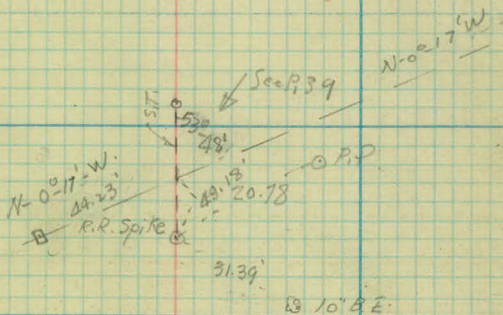
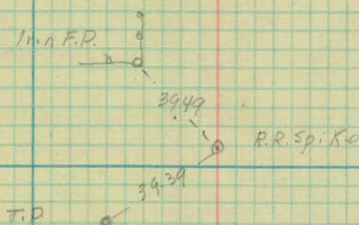
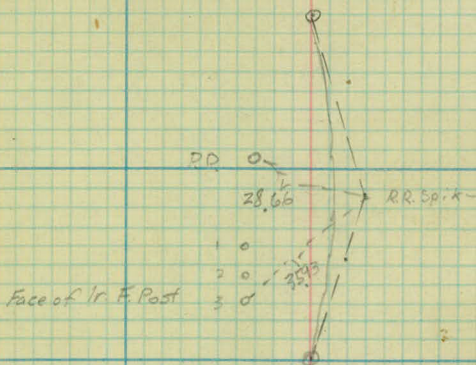
51+50.44 P.T. 5°-23' R.I. 50+43.12

51 4°-07.3' Δ 10°-46' Lt.

+50 2°-52.3' D 5°-00' ✓

50 1°-37.3' T. 108.01 ✓

49+35.11 P.C. 0°-00' L. 215.33 ✓



sta. Point A Lt. A Rt.

84+49.92 P.I.

90°-31' Rt.

72+16.05 P.I.

111°-59'

N-68°-16' W.

60+02.34 P.I.

0°-59' Rt.

91+49.95
84+49.92

Sec. Cor.

N.C.
Stone Mon

700.91
S-89°24'45"

Stone Mon

179°50'

89°23'

90°31'

90°37'

89°29'

S-89°15'5"

89°44'

91+49.95

90°16'

N-0°0'

R.M.C.
Elk Ave.
S-89°45'21"

111°59'

68°01'

68°01' N-68°15'W

Sta. Point Alt. Sht.

0+00 }
104+65.9

95+57.9 P.O.T

91+47.95

90°16'

W. H. Carlson

M.A.W./Kc

K. Anker

H.A.W./Kc Aug. 8/35
K. Anker
L.B. Hendrix

L.B. Hendrickx

 $N-0^{\circ}-00'$

90°

□ 2×2 Au 6.

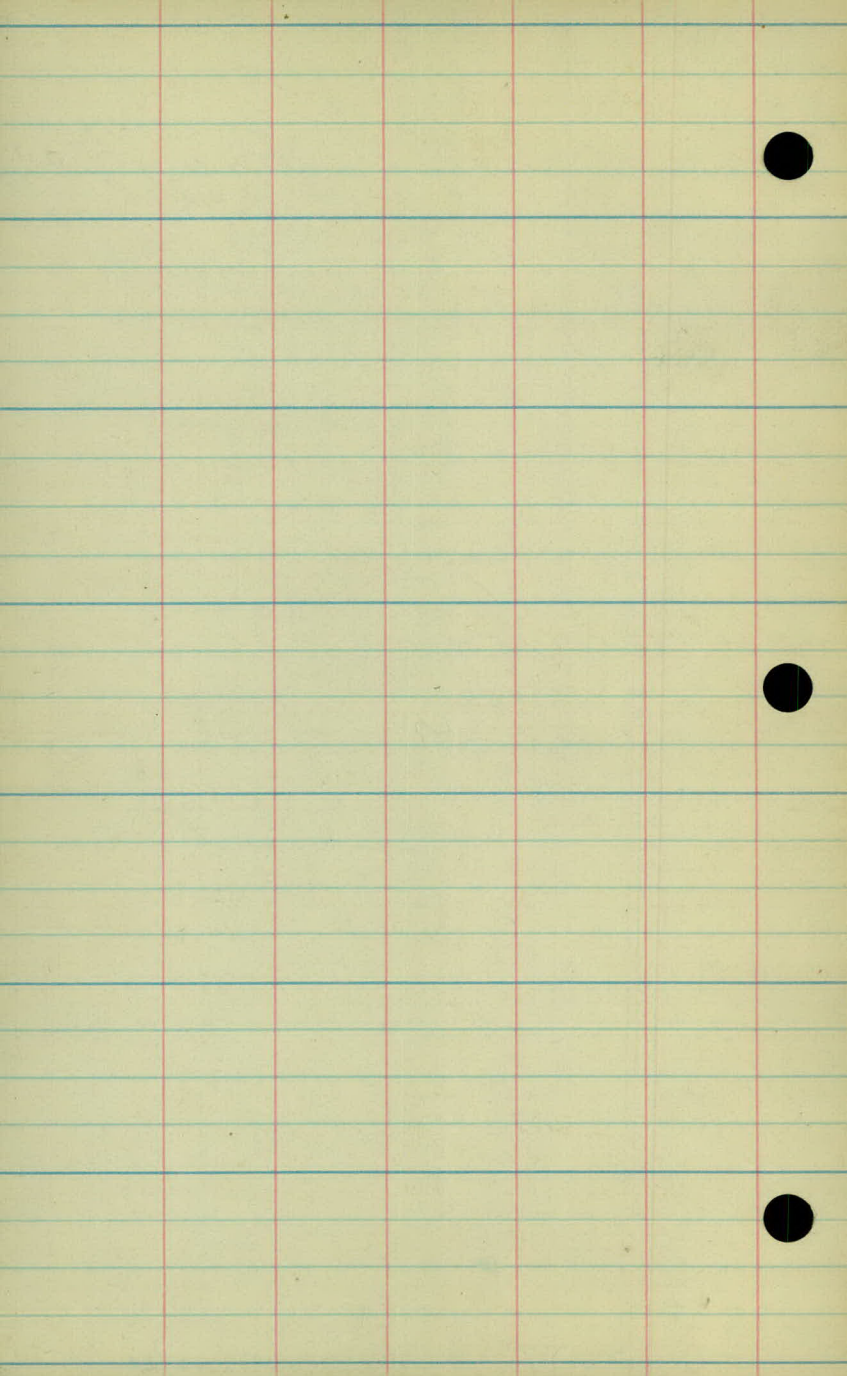
60. 21/10/2000

909-16'

87-44

Stone Mon

Co. Rd. C



Topography.

5

4

3

2

1

0

W.H.C.
H.A.W. Aug. 9, 35
K.A.
L.B. Hendrix

Rel 10' ±

Rel. 10' ±

Meadow

Pasture

F-21'

101-500 ± 15'

17-R.R. Fence

Line R.R.

12

11

+28-Beg. new grade.

10

9

8

7

6

5

F-21

9

+75-F. cor. 31'
+72-F. cor. 17'

F-21'
Rd. 10'

F-17'
Rd. 10'

Pasture.

Waste Land.

Meadow.

Cult.

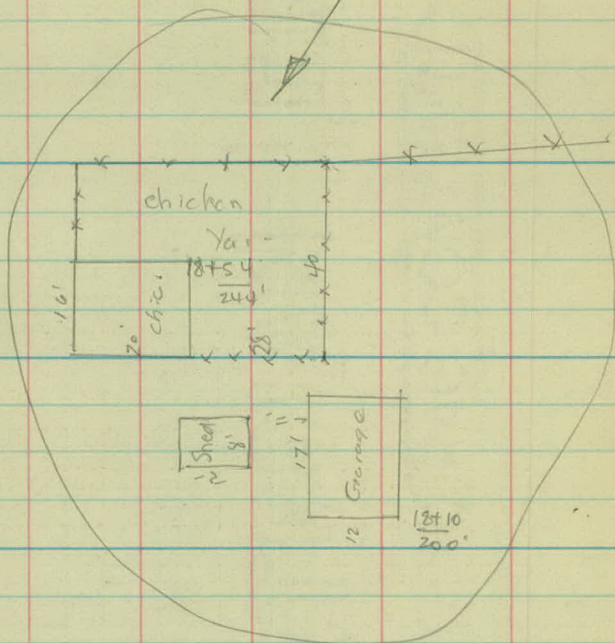
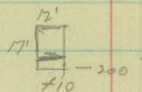
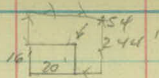
Rd. 10'

Rd. 10'

(Fence runs North to Co. Rd. C.)

+58-F. Cor. 21'

F-17'



154-3 E. Cor. Barn.

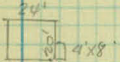
110-5 Oak SS

135-15 Oak SS

110-5 W. Cor. Shed.

195-Reg Culv.

Form Yard.



141-5 W. Cor. 2-S-F.
186

180-F Cor. 21'

F-North about 300'

F-21'
Ra. 10'

Pasture

F-31'
Ra. 10'

25

24

23

22

21

20

105 - F. ENT. Lf

19

300 Hereof
Dak.

① ②
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F-31

scattered Qd's

$$y' = 20''$$

F-31'

F-30

F-31'

716-F. Cor. 31' 1/2

cor. 31
F. to cor. ch. d. yd.

32

+50.92 f E McMenamy.

{ End of Clark Av.

31

30

29

28

27

17642- Iron Mon.

26

Fence + Trees
north along
sea line

B.T. - 6'

B.T. 14'

12

+12-Box Row Oaks - 26'

Bk. top. 5'

8800 8 00

Bk. top 16'

+76-12" O - 76'

Rd. 13'

+76-15" O - 73'

+57-8" O - 28'

+73-12" Oak - 73'

Rd. 10'

+66-F. Ent

Rd. 7'

Rd. 9'

+76-F. Cor. 31'

Gravel Surface.

+47-5th. A. M. M.

+10-21-Grav.

+90-R.D. 13'

+19-75'-Garden

+01-N.E. Cor. 46'

2-S-F. 53'

Farm Yard.

Barn.

+34-Cor. Barn - 41'

Rd. 5'

+89-Cor. Barn 45'

+52-F. Cor. 23'

F. 5'

Rd. 2'

Rd. 5'

+78-F. Cor. 22'

+78-F. Cor. 30'

Cult.

Cult.

39

38

37

36

35

34

151.075 RT. Curve on M^2/M_1

33

B.T. 10'

B.T. 13'

13

B.T. 9'

B.T. 13'

+26-10' Oak 35'

+58-6' Oak 35'

+78-10' Oak 35'

B.T. 12'

B.T. 11'

+90-6' Oak 35'

Cult.

B.T. 11'

B.T. 12'

B.T. 11'

Row Oaks 36'

B.T. 13'

B.T. 11'

B.T. 12'

B.T. 8'

B.T. 13'

Cult.

Row
Tree 24'

46

45

44

140- E Co. Rd. "C" Right - Beg. Little
Canada Rd.
End of M^e Men.

43

42

41

40

B.T. 10'

B.T. 12'

14

+59-T.P. 22'

B.T. 10'

Tree - 28

B.T. 12'

+50-B.T. 11'

+50-B.T. 12'

+27-T.P. 29'

B.T. 12'

B.T. 10

+53-T.P. 25'

B.T. 14'

+35-B.T. 13

B.T. 21

+75-B.T. 35

+50-B.T.

B.T. 15'

43+00-N.E. Cor.

Cur. 50'

B.T. 15'

E-W

B.T. 31'

+75-B.T. 15'

B.T. 11'

B.T. 15'

B.T. 10'

+50-B.T. 14'

+50-B.T. 10'

B.T. 15'

B.T. 10'

+50-B.T. 14'

B.T. 10'

53

52

51

50

49

48

47

F-31' B.T. 11'

B.T. 11

15

+19-F. Cor. 33'

old
Lawr.

B.T. 12'

Tree 39' - 85'

+19-T.P. 27'

B.T. 11'

B.T. 14'

Tree - 37' - 78'

Scatt.
Trees

B.T. 10'

+33-T.P. 27'

B.T. 12'

Tree - 37' - 65'

B.T. 8'

+08-T.P. 21'

B.T. 13'

Trees - 29' - 75'

B.T. 9'

+17-T.P. 18' - 24'

B.T. 10'

Trees - 31' - 90'

B.T. 10'

Trees 27' - 100'

B.T. 9'

+89-T.P. 21'

B.T. 11'

+22-T.P. 21'

Scattered
Trees
old school
found.

60

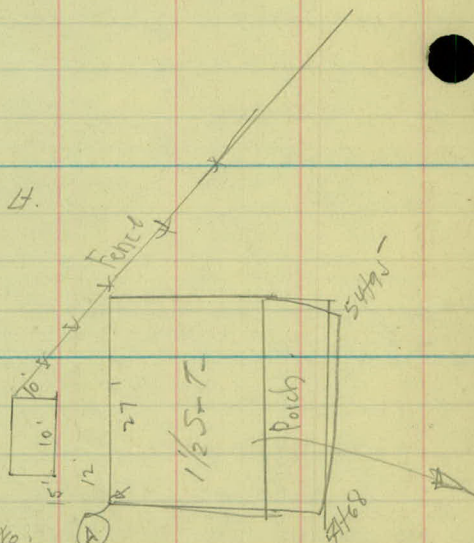
59

58

57

174 & Ent. Lt.

56



55

App & Cont. Rd No.

(A)

34+53 - & 10' grade

54

B.T. 10'

+96 - P.D. 75
+82 - 14" B.E. 27'

+82-14" B.E. 27

B.T. NO.

16

B.T. 9'

B.T. 11'

+34-10" B.E. 35

+21-10" Bx 34"

BT. 10'

B.T. 11'

+91-P.D.26'

BT, 10'

В.Т.И.

+86-15-PX-E 46

435-Cor Shed -

407 - P.P. 75

B.T. 10

493 - Cor. Pumpho. $\boxed{19}$ 103 495 $\boxed{53}$ 53'

 $+10^7 - \cos. 10^8$

1 Ce Ho.

+43. cor. Shed. 67

+43-F. Cor: 30

B.T. 10

F-30

+ 50-p.p.γγ

+36-F. Cor. 35

B.T. 10

+95-T.D. 731

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

450-2.7.9

105-T.P. 27

B.T. vi'

+80-B.T.13

450-8.7.38

B.T. 41

475-B.T. 24'

+50-B.T.16°

67

66

65

64

63

62

61

B.T. 11'

B.T. 11'

17

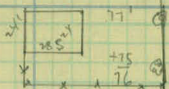
+75- $\frac{1}{2}$ Cor. 31'

B.T. 11'

+42-75' Cor.

+58- $\frac{1}{2}$ Cor. 31'

+52-Ent.



Cott. +24-70'
+10-69'

B.T. 10'

+89-T.P. 25'

T. Poles.

Base Line See (P. 24)

B.T. 10'

+90-P.P. 27'

+76-25' Pop. 31'

+61-14" B.E. 31'

+53-d Ent.

+40-14" Map. 30'

B.T. 11'

+62-

+51-8" Maple 30'

B.T. 10'

+90-P.P. 26'

+64-12" Map. 30'

B.T. 10'

+77-16" B.E. 27'

B.T. 12'

B.T. 12'

66+00

+98- Δ to Pole Line.

B.T. 12'

B.T. 11'

B.T. 10'

B.T. 11'

416.05 P.I.

72

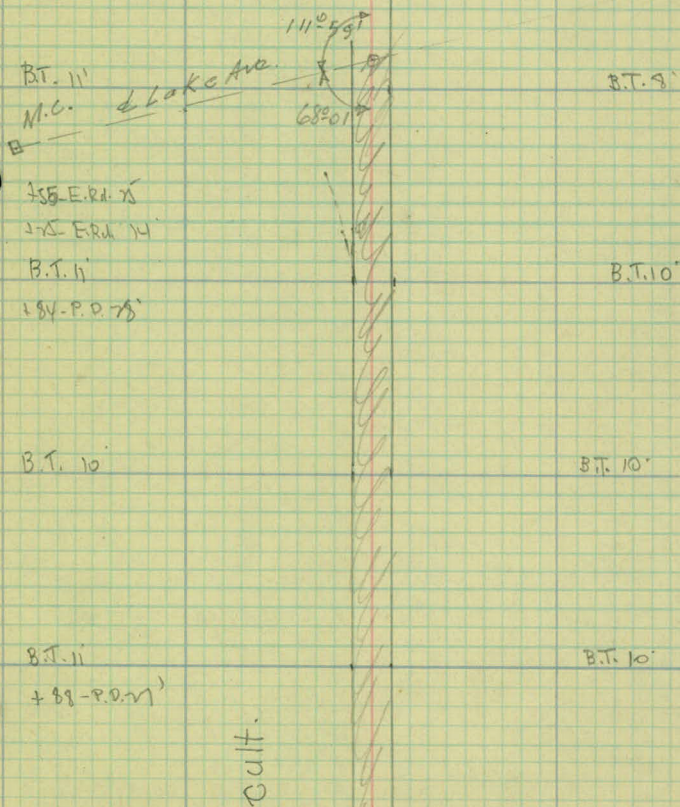
71

70

69

68

cont next page.



77

76

75

74

73

72+16.05

71+12.05

$$\frac{Rd.}{20' - 21'}$$

$$\frac{Rd.}{20' - 1'}$$

+59-T.P. 34

+58-T.P. 34

$$\frac{Rd.}{20' - 2'}$$

+69-T.P. 34

Cult.

+54-T.P. 34

Rd. 15'

+53-T.P. 35

Rd. 17

+50-T.P. 36

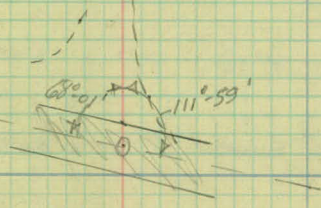
Cult.

Gravel Road

Rd. 0'

Rd. 2'

Rd. 6'



Cont'd from p. 18. page.

+49.92 P.I.

84

83

82

81

80

79

78

Stone Man

36



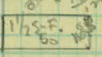
Corn Crib
Cult.

Silo (12)



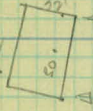
+16-E.F.34

113'
Farm
Yard.



+14-T.P.31

F-31 Wagon
Shed.



120 117
24
23-5

+68
175

+18 T.P.-31

24
22-3

F-32

+90 T.P.32

24
21-3

21 24
21-2
F-32

+59-T.P.33

+31 Beg-Fence-32

21 24
21-3

+M.T.P.33

Gravel Road

91+49.95

91

90

89

88

87

86

85

90.44 → Stone Mor. (Note: See Co. Rd. - C for detail of Bridge @ R.R. Conn.)

+66-T.P. 23
F-73

Rd
3-20

F-24

Rd-
0-17

+73-T.P. 24

Cult.

Section 19
for Loc.

Rd-0

Rd 14

+74-F.Corr. 26

+41-T.P. 25

+ Rd 1
F-24

P.O.
Holo

Rd 15

+10-T.P. 26

Rd. 5

Rd. 13

+55-T.P. 25

+01-T.O. 26
F-76

Rd. 6

Rd. 17

+75-Fence 25
+75-T.P. 25
95+04 F-31
90+50-F-30

97

96

95

94.

93

92

91+4995 Stone Mon.

Meadow

+33

Cult.

400 R.P.

F-52'

F-67'

F-72'

+54-Δ F. 75'

F-84'

+73-E. line

+73-F. Cor. 90'

E. Road C

127.8

0/00 }
104+65.09 }

104

103

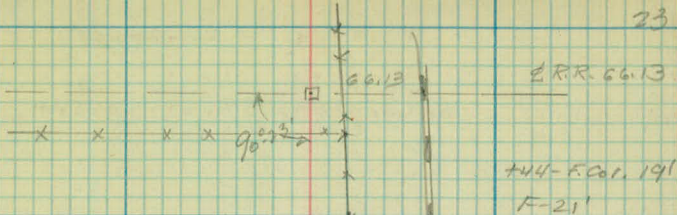
102

101

100

99

98



Meadow

500 R.R.
5100

F-35'

F-49'

"D" Line.

5

+85 - Cor. Boring
199

4

+30 Garage SE. Cor.
21 x 70'

3

2

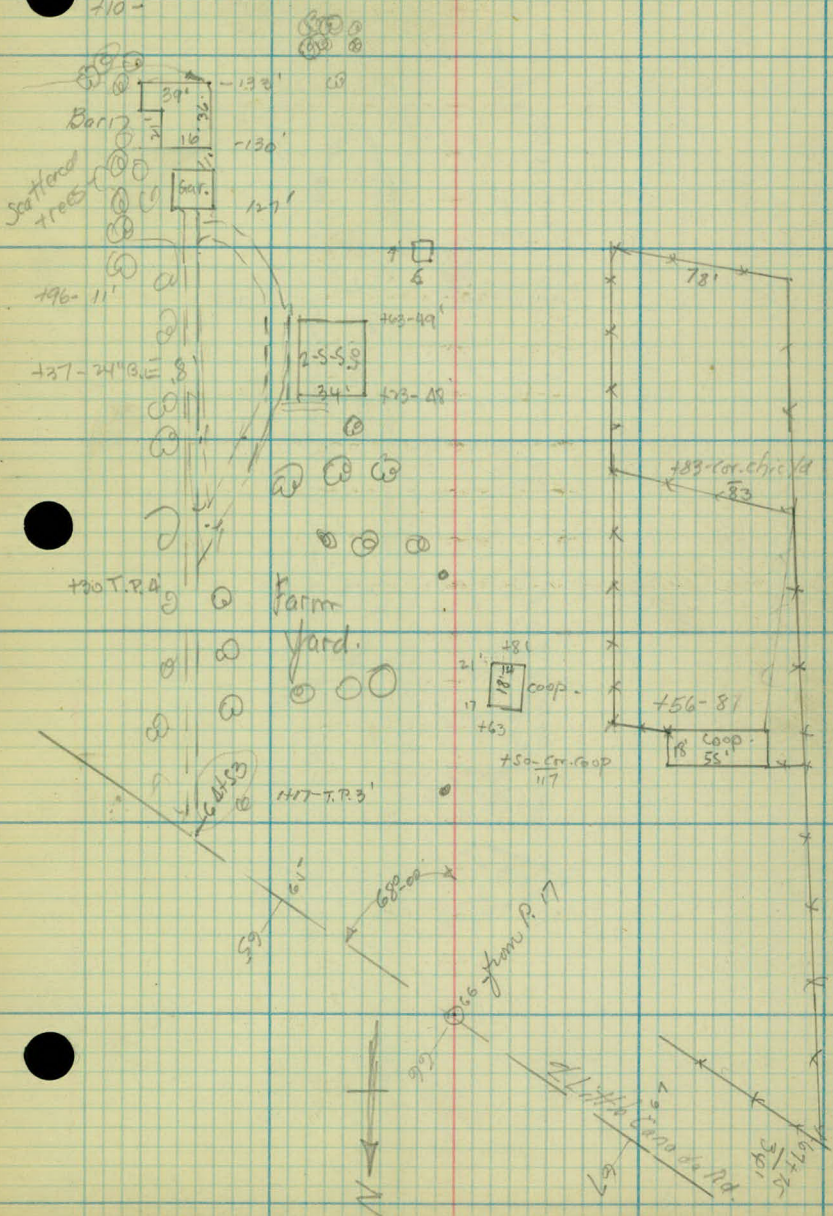
1

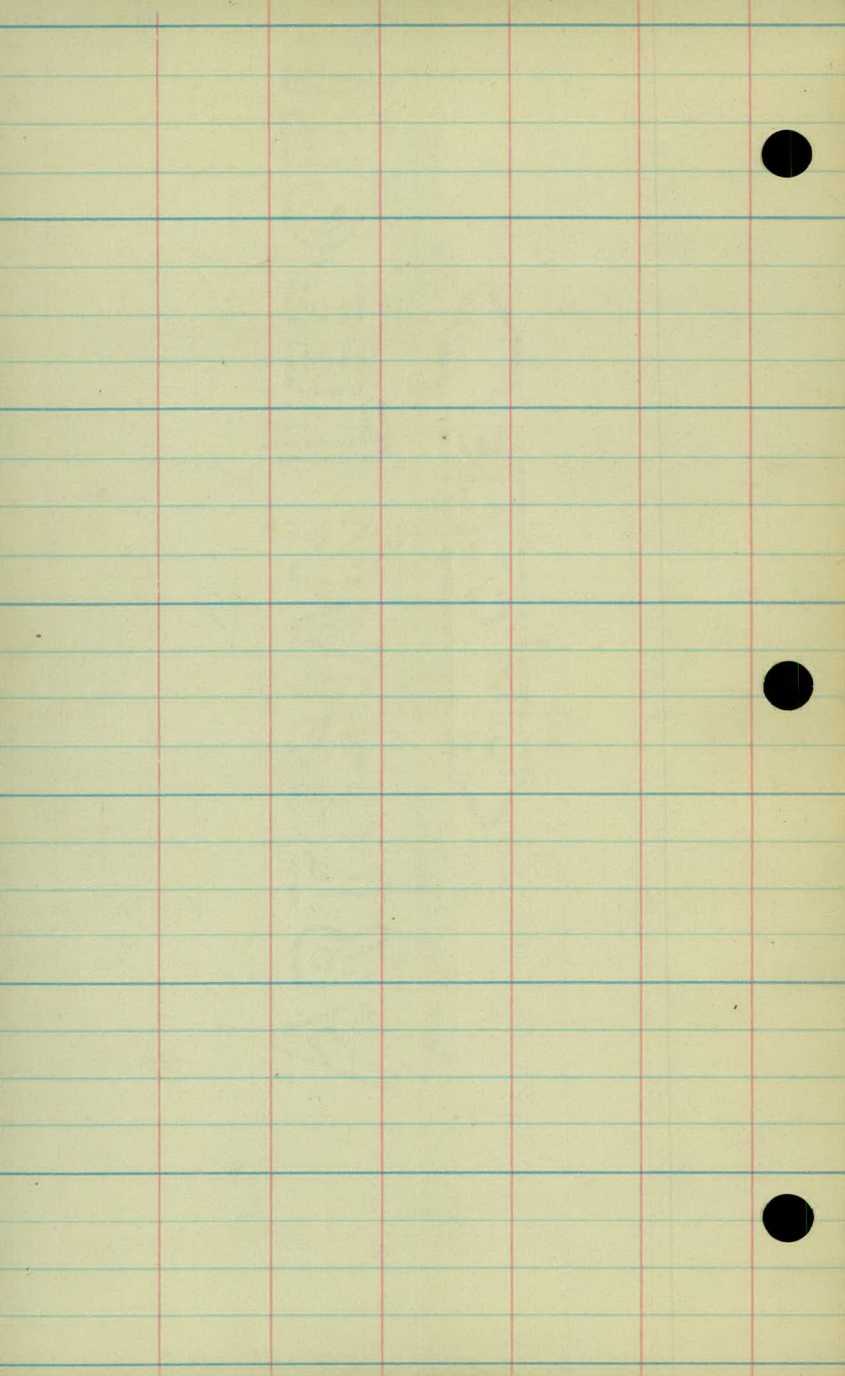
0 to = (66 to 00)

5+50-24" oak 4'

W. H. C.
H. A. W.
K. A.
L. B. H.

Aug. 10-35

 $\pm 10 -$ 



"A" Line

Station Point A H ART

16+91.43

16+47.2 = M.C.

N-0°-32'W

13+17.6

0°-10'

9+17.6

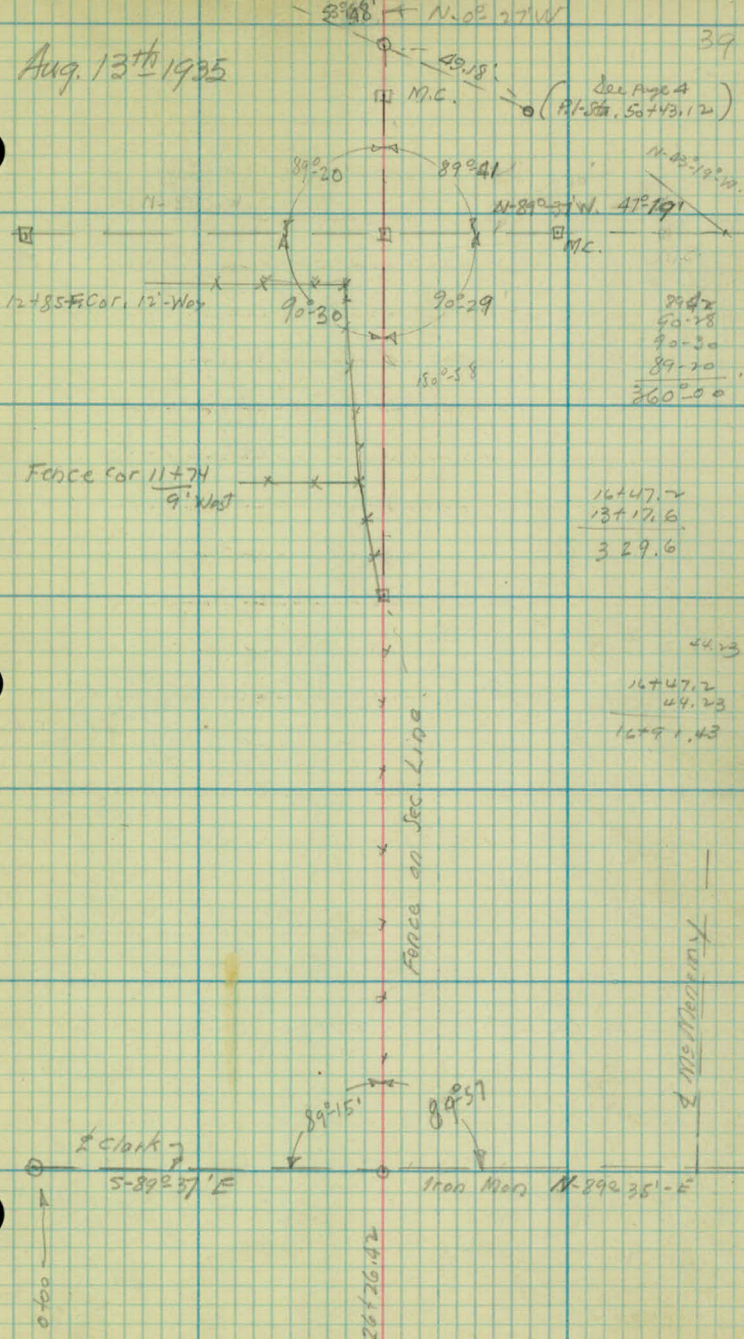
M.C.

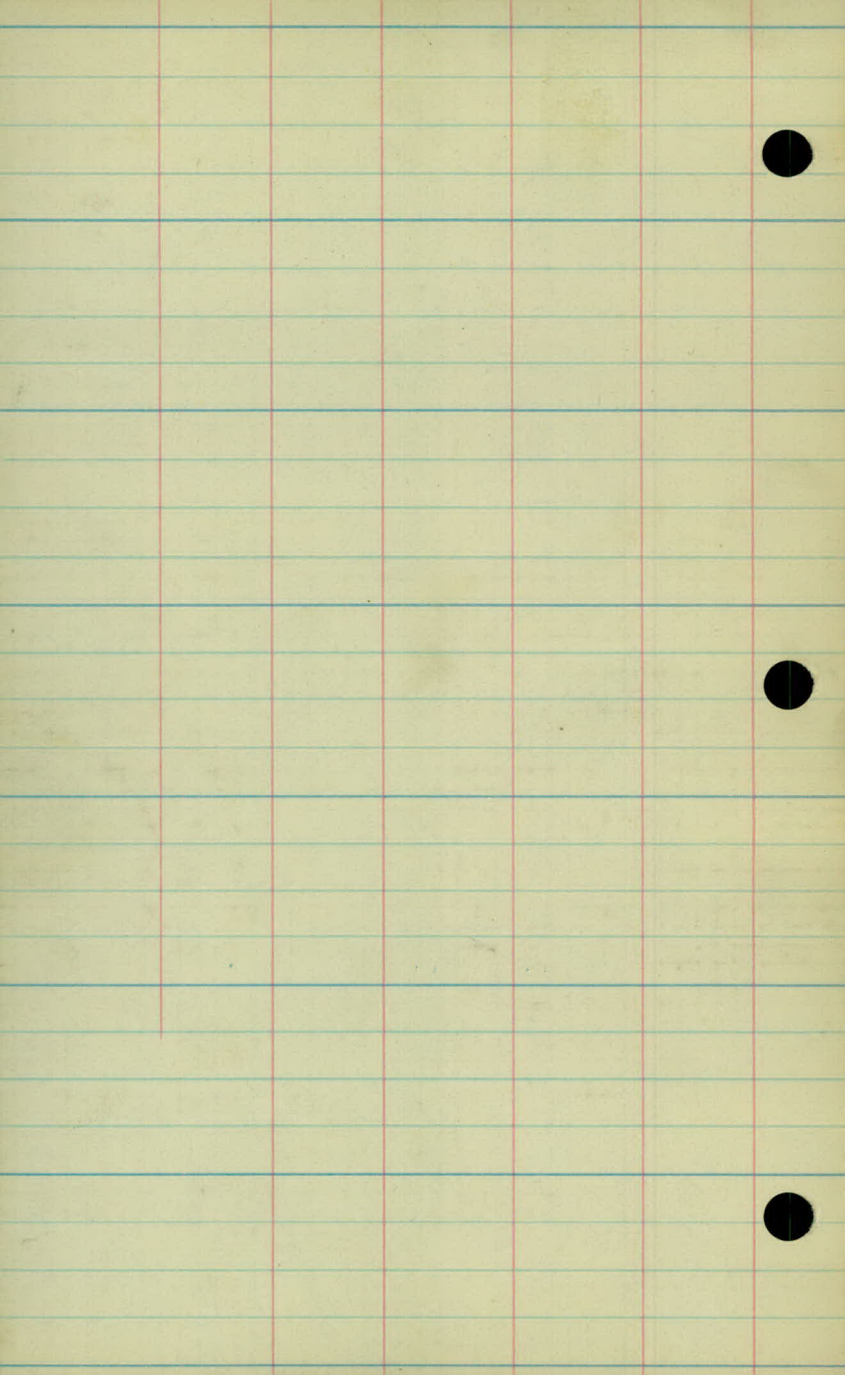
N-0°-22'W,
Mag- 78.45' E.

0700

Aug. 13th 1935

39





"A" Line Levels.

| Sta. | + | π / | - | Elev. |
|-------------------|-------|---------|-------|--------|
| B.M. | 1329 | 909.55 | | 896.26 |
| 0400 = 2 Clerk. | | | | |
| | 13.75 | 922.63 | 0.17 | 909.38 |
| 140 | | | 6.9 | 15.7 |
| T.P. | 1765 | 934.68 | 0.60 | 922.03 |
| 240 | | | 5.7 | 29.0 |
| T.P. | 11.62 | 946.26 | 0.04 | 934.84 |
| 340 | | | 6.1 | 40.2 |
| 440 | | | 6.1 | 40.2 |
| T.P. | 3.73 | 942.41 | 7.58 | 938.88 |
| 540 | | | 3.9 | 38.2 |
| 5495 | | | 6.0 | 36.1 |
| 6430 | | | 13.0 | 29.1 |
| T.P. | 1.28 | 929.75 | 13.64 | 928.47 |
| 7 | | | 3.3 | 26.5 |
| 7450 | | | 7.3 | 22.5 |
| T.P. | 1.74 | 917.78 | 13.71 | 916.04 |
| 8 | | | 4.0 | 13.8 |
| T.P. | 1.30 | 905.34 | 13.74 | 904.04 |
| 940 | | | 4.6 | 00.7 |
| 94176 - Station # | | | 5.16 | 900.18 |
| 1040 | | | 10.4 | 894.9 |
| 1140 | | | 11.2 | 894.1 |
| 1240 | | | 13.6 | 891.7 |
| 1340 | | | 14.5 | 890.8 |
| 134176 | | | 14.0 | 891.3 |

Aug. 19. 1935

Top High Corner M.C. corner

see. cor. 5, 6, 7, 8,

| Sta. | t | π | - | Elev. |
|------|---|-------|---|-------|
|------|---|-------|---|-------|

90534

| | | | | |
|------|--|--|------|-------|
| 1440 | | | 14.4 | 890.9 |
|------|--|--|------|-------|

| | | | | |
|------|--|--|------|-------|
| 1540 | | | 12.4 | 892.9 |
|------|--|--|------|-------|

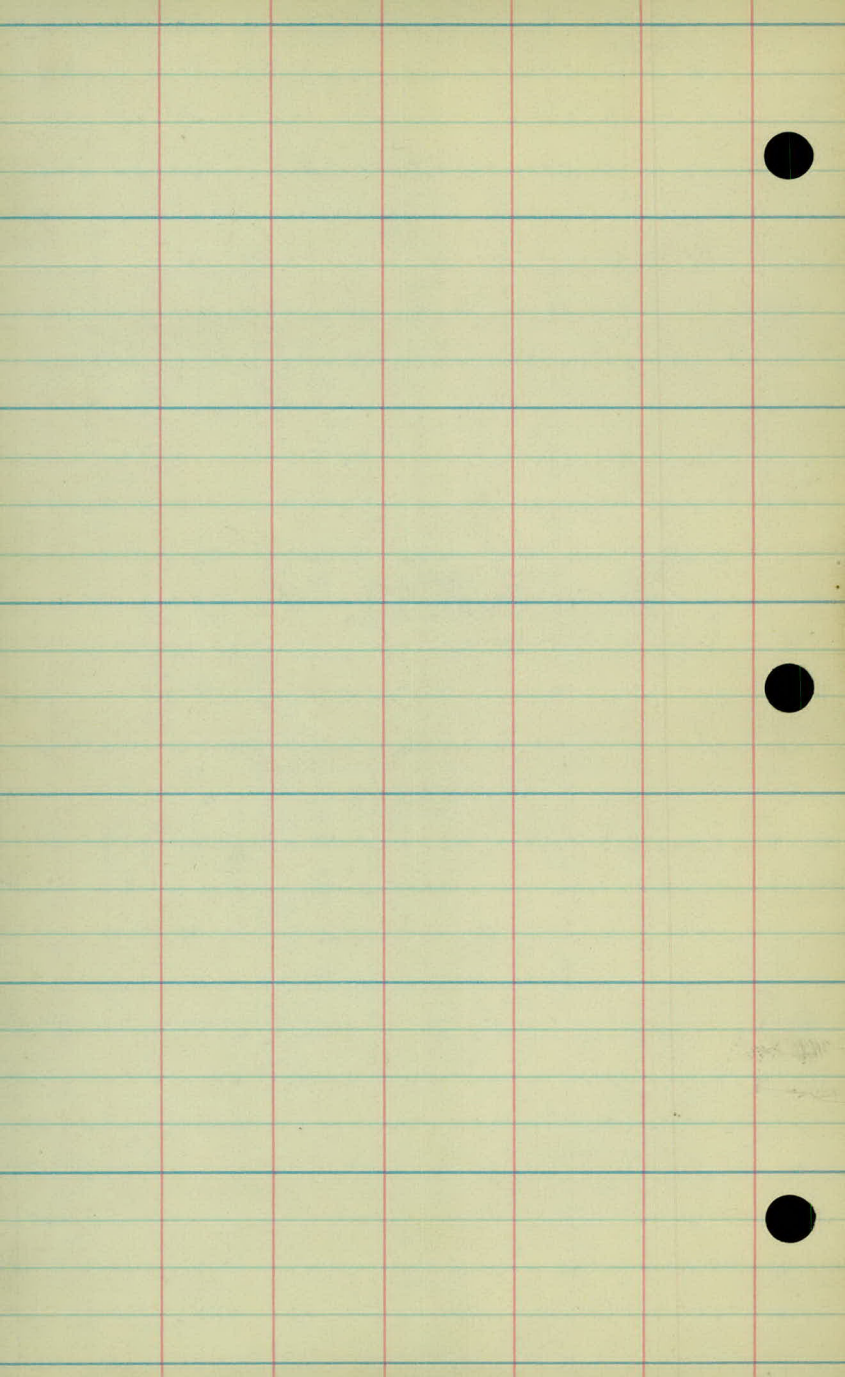
| | | | | |
|------|--|--|-----|-------|
| 1640 | | | 6.9 | 898.4 |
|------|--|--|-----|-------|

| | | | | |
|---------|--|--|------|-------|
| 16447.2 | | | 1.75 | 903.6 |
|---------|--|--|------|-------|

| | | | | |
|------|--|--|------|--------|
| T.P. | | | 1.75 | 903.59 |
|------|--|--|------|--------|

Top M.C. Cor.

Top M.C. Cor.



"B" Line

Sta. Point A Lt. A Rd.

22+82.83 E Little Canada Rd.

21+35.8

19+24.75
23.13

0° 59' 14"

10+50.2 Lot Line

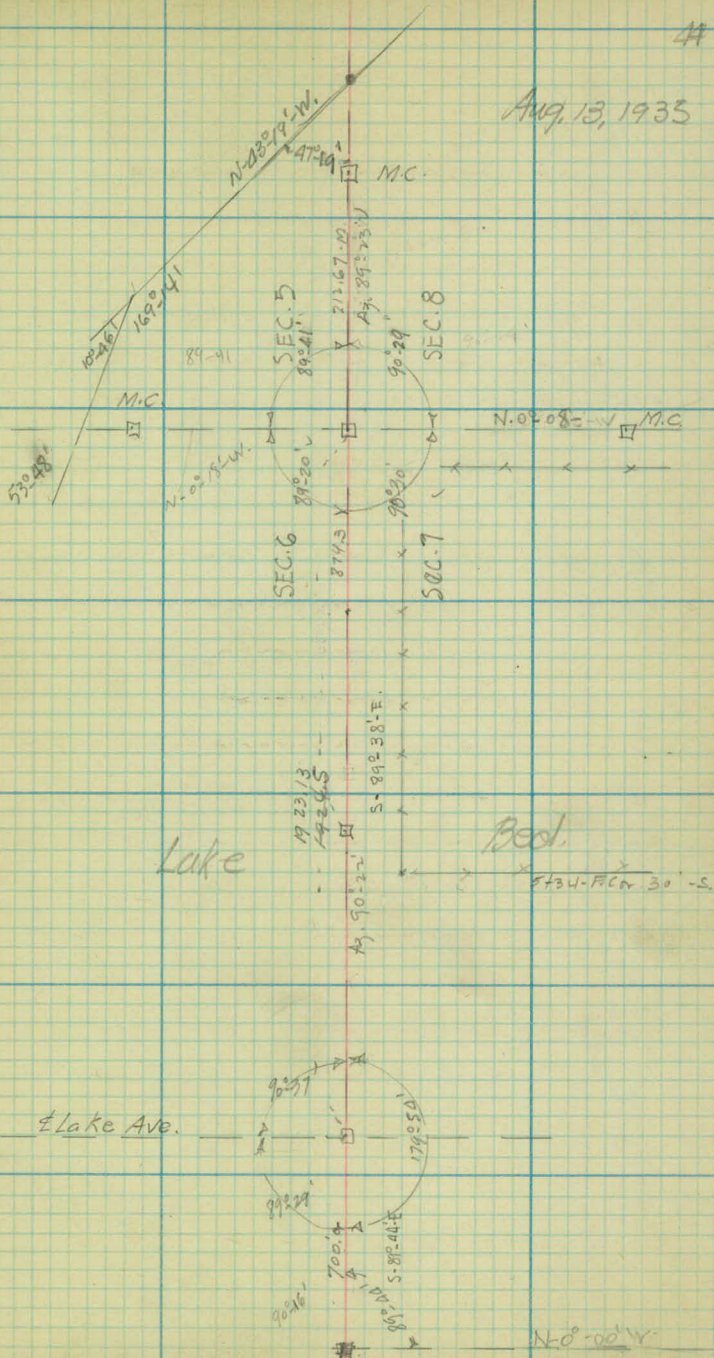
6+12.25 1/4 Cor.

0+00

Stone Mon. = 80+49.92

0° 00' 00" Rd

Aug. 13, 1935



St.

Pt.

31+44.9 L Surge Pipe

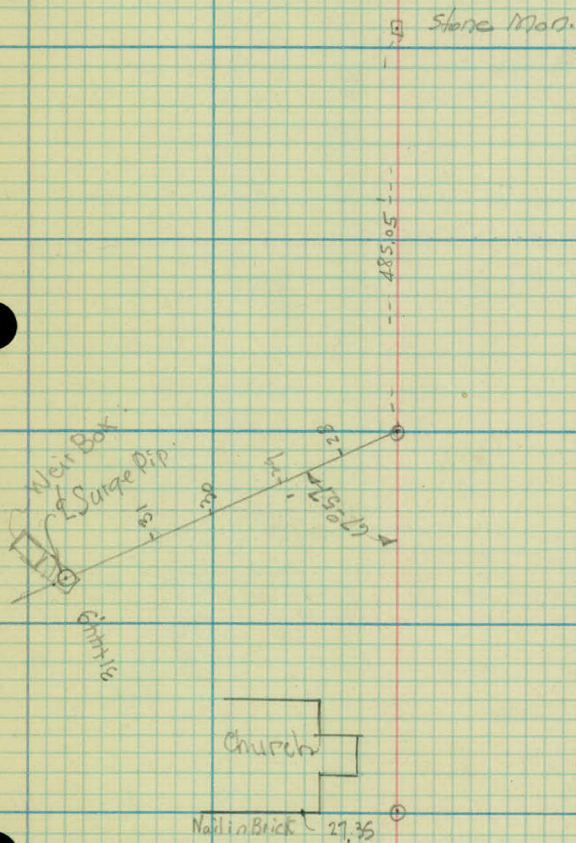
27+50

24+52.7

P.O.T.

Aug. 16-1935

Note: See following page
for Top. Sta. 22-32



27

26

25

24

23

22

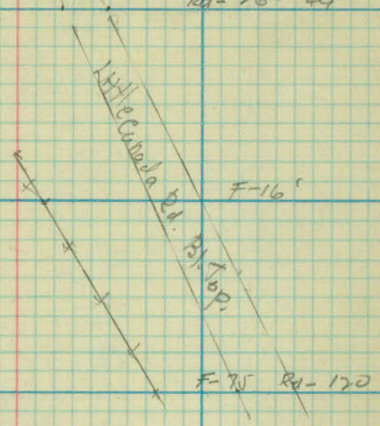
100-9 Rd. 16'

(46)

27750 } Little
DC
5- 26

Rd- 26- 49'

+70- F.X'0 E



+83-73.0
+547-70.0

Cath. ch.



31744.9 = Surge Pipe.

31

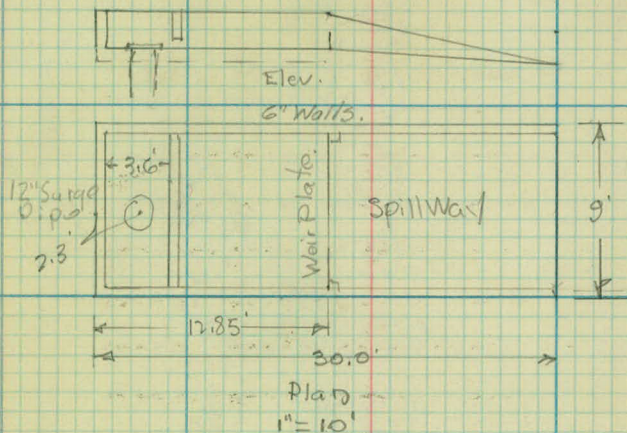
30

29

28

(For Elev. See next page.)

47



+41-Cor. Weir Box 3'

+36-G.V.-12'

G.V.



+35-Cor. Weir
Box 36.3'

+41-42-± Rd. 16'

+40-± Rd. 5'

+40-± Rd. 16'

B' Line Levels Sta. 24+50 to Sta. 31

| Sta. | + | - | Elev. |
|---------------------------|------|--------|----------------|
| | 9.17 | 920.59 | 911.42 |
| 24+50 | | 2.1 | 918.5 |
| 25 | | 3.2 | 917.4 |
| 26 | | 7.1 | 913.5 |
| 27 | | 13.5 | 907.1 |
| T.P. | 1.16 | 908.71 | 13.04 907.55 |
| 150 Aft. | | 4.6 | 904.1 |
| 28 | | 6.1 | 902.6 |
| 29 | | 12.4 | 896.3 |
| T.P. | 1.08 | 896.66 | 13.13 895.58 |
| 29+42 | | 2.8 | 893.9 |
| +80 | | 16.1 | 880.6 |
| T.P. | 0.89 | 885.35 | 12.20 884.46 |
| 30 | | 5.3 | 880.1 |
| 31 | | 6.9 | 878.5 |
| B.M. Top | 5.75 | 878.97 | 12.13 873.22 ✓ |
| Bottom Weir Box - m. End. | | 7.87 | 871.10 ✓ |
| Top Weir Plate | | 7.06 | 871.91 |
| Bottom Box E. end. | | 7.95 | 871.02 |
| Spillway E. end. | | 8.45 | 870.52 |
| N.S. Creek | | 9.22 | 69.75 |
| Top Surge Pipe | | 7.80 | 71.17 |
| Top G. V. | | 2.71 | 76.26 |
| App. Bottom Gate Box | | 9.3 | 69.7 |
| Bottom Surge Pipe | | 10.3 | 68.67 |

Aug. 16, 1935-

48

Reo P.30 Nail. Arc Lt. 1666 Rd. 1766.

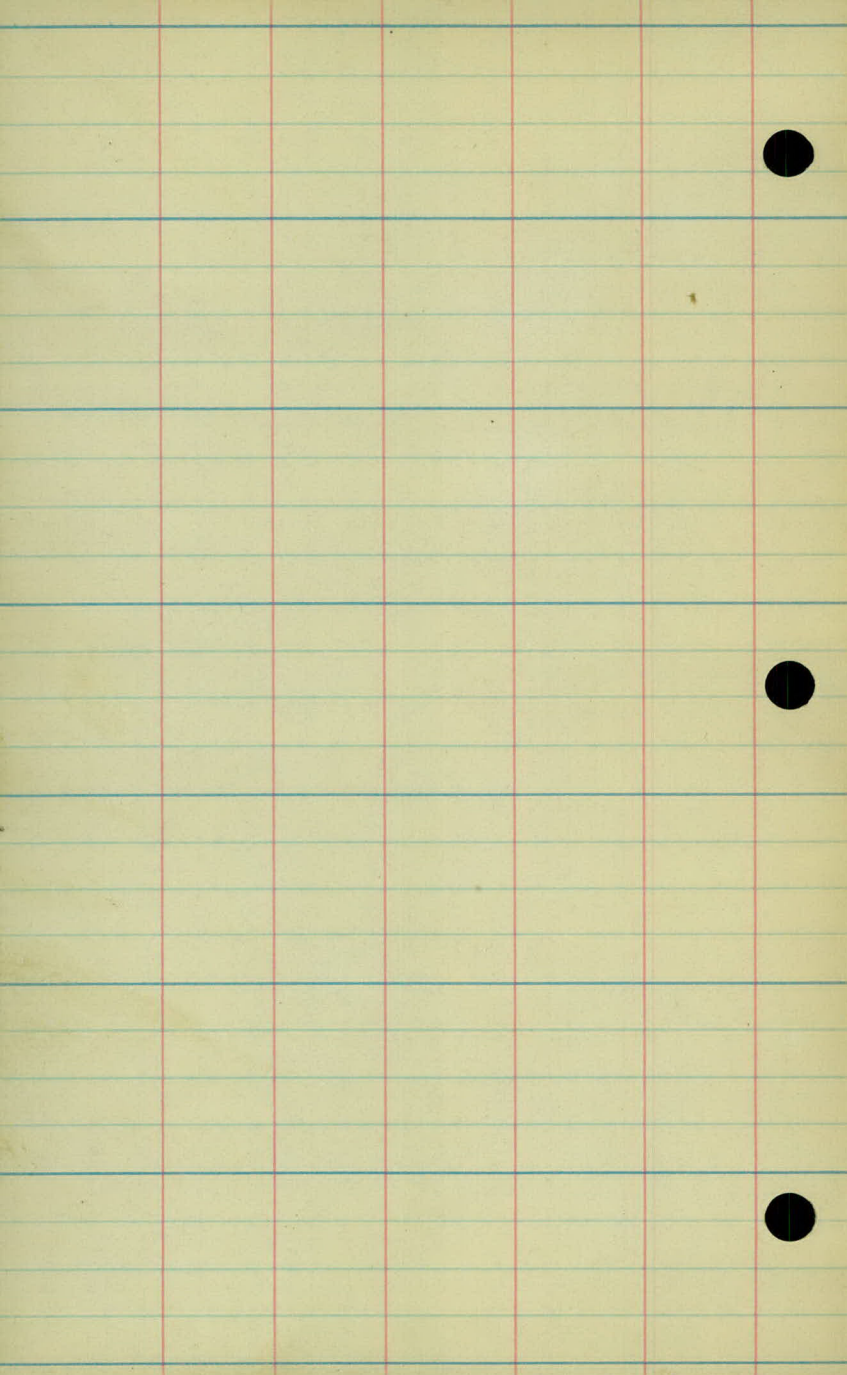
7660 L. Little Canada Rd. 17.9

S.W. Cor. Conc. Wall.

S.W. Cor. Conc. Wall

Elev. 873.53

Top Steel Weir Plate 177.72



"B" Line Levels

Sta. 0+0 to 1+9

| Sta. | + | π ✓ | - | Elev. |
|------|------|---------|---|--------|
| B.M. | 1.83 | 923.26 | | 921.43 |

oto = Stone Man = 844 499 ✓

| | | | | |
|-----|--|--|-----|--------|
| 140 | | | 9.5 | 13.8 ✓ |
|-----|--|--|-----|--------|

| | | | | |
|------|------|----------|-------|----------|
| T.P. | 0.54 | 910.49 ✓ | 13.31 | 909.95 ✓ |
|------|------|----------|-------|----------|

| | | | | |
|-----|--|--|-----|------|
| +50 | | | 0.5 | 10.0 |
|-----|--|--|-----|------|

| | | | | |
|-----|--|--|------|------|
| +80 | | | 10.3 | 10.2 |
|-----|--|--|------|------|

| | | | | |
|-----|--|--|------|--------|
| 240 | | | 12.5 | 98.0 ✓ |
|-----|--|--|------|--------|

| | | | | |
|------|------|----------|-------|----------|
| T.P. | 4.48 | 903.06 ✓ | 11.91 | 898.58 ✓ |
|------|------|----------|-------|----------|

| | | | | |
|-----|--|--|------|--|
| 340 | | | 11.9 | |
|-----|--|--|------|--|

| | | | | |
|-----|--|--|------|--|
| 440 | | | 13.8 | |
|-----|--|--|------|--|

540

640

740

8

9

| | | | | |
|------|------|----------|--|--------|
| B.M. | 10.7 | 901.96 ✓ | | 891.26 |
|------|------|----------|--|--------|

Lt.

±

Rt

50

Top Stone Moss. $84 + 49.92 = \pm$ Lake A. 1 Co. Rd 'C'

Aug. 19-1935

| | | |
|-------------|-------------|-------------|
| | 128 | 90.5 |
| | | <u>100</u> |
| | | 100 |
| 90.8 | 891.2 | 90.2 |
| <u>123</u> | <u>119</u> | <u>129</u> |
| 100 | | 100 |
| 89.8 | 89.8 | 90.2 |
| <u>13.3</u> | <u>133</u> | <u>129</u> |
| 100 | | 100 |
| 89.3 | 89.3 | 90.2 |
| <u>13.8</u> | <u>138</u> | <u>129</u> |
| 100 | | 100 |
| 88.9 | 89.3 | 90.3 |
| <u>14.2</u> | <u>13.8</u> | <u>128</u> |
| 100 | | 100 |
| 89.0 | 89.3 | 90.1 |
| <u>14.1</u> | <u>13.8</u> | <u>13.0</u> |
| 100 | | 100 |
| 88.9 | 89.2 | 90.0 |
| <u>14.2</u> | <u>139</u> | <u>13.1</u> |
| 100 | | 100 |
| 89.2 | 89.2 | 89.3 |
| <u>13.9</u> | <u>139</u> | <u>13.8</u> |
| 100 | | 100 |

| Sta. | + | π | - | Elev. |
|------|---|-------------|---|-------|
| | | ✓
901.96 | | |

~~1010~~

1010

~~1010~~

1110

12

13

14

15

1610

17

18

19

Left
North

E

RT
South

51

89.3

12.7
100

89.5

12.5
100

89.0

13.0
100

88.6

13.4
100

88.7

13.3
100

89.0

13.0

88.7

13.3

89.5

12.5

88.5

13.5

88.7

13.3

88.5

13.5
100

88.4

13.6
100

88.6

13.4
100

88.8

13.2
100

88.7

13.3
100

88.7

13.3
100

89.1

12.9
100

88.8

13.2

89.0

13.0

89.6

12.4
100

89.6

12.4
100

89.4

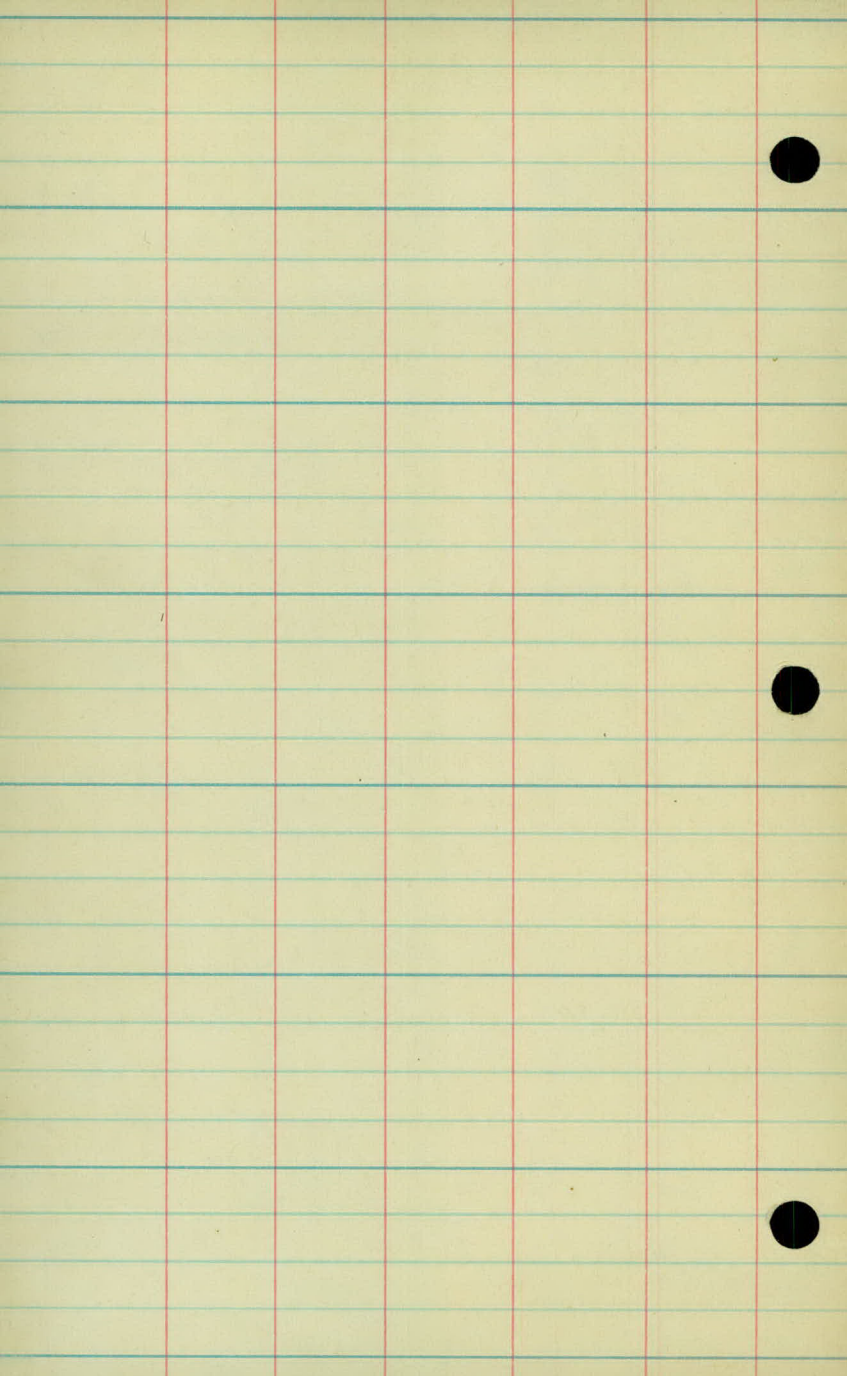
12.6

89.9

12.1

70.6

11.4



Center Line Levels
& Side Elev.

| Sta. | + | π ✓ | - | Elev. ✓ |
|-------|------|----------|------|----------|
| B.M. | 4.65 | 916.80 | | 912.15 |
| 0+0 | | | | 09.8 ✓ |
| B.M. | 5.60 | 913.82 ✓ | 8.58 | 908.22 ✓ |
| 1+0 | | | | 05.3 |
| 2+0 | | | | 06.4 |
| 3+0 | | | | 07.8 |
| 4+0 | | | | 10.1 ✓ |
| T.P. | 9.68 | 922.66 ✓ | 0.84 | 912.98 |
| 5 | | | | 15.6 |
| 6 | | | | 18.2 |
| 7 | | | | 20.4 ✓ |
| T.B.M | 9.21 | 931.34 ✓ | 0.53 | 922.13 |
| 8 | | | | 21.6 |
| 8+50 | | | | 21.9 |
| 9 | | | | 22.4 |
| 10 | | | | 24.4 |

Lt.

g

Ht.

26

9.11.78 E.R.A.

North

South

09.8

70

W.H. Carlson

(Top Ref. Herb. Lt. Sta. 040) 05.3

H.A. Wilke

| | | | | | |
|-----------|------|------|------|------|-----|
| S. W. Cor | 11.0 | 02.8 | 10.4 | 03.4 | 8.5 |
| | 100 | | 70 | | |

K. Anker Aug. 9,

Mar. 5

1450 - E. Marsh - 75 06.4

L.B. Hendrix 1935

| | | | | | |
|------|------|------|------|-----|-----|
| 00.2 | 11.8 | 11.1 | 04.0 | 9.8 | 7.4 |
| | 100 | 85 | 22 | | |

| | | | |
|----------------|------|------|------|
| 03.0 | 03.4 | 05.8 | 07.8 |
| 10.8 | 10.4 | 8.0 | 6.0 |
| E. Marsh = 100 | 70 | 21 | |

| | | | | |
|------|------|------|------|------|
| 90.3 | 03.3 | 04.1 | 07.7 | 10.1 |
| 10.5 | 10.5 | 9.7 | 6.1 | 3.7 |
| 100 | 100 | 70 | 21 | |

| | | | | |
|------|------|------|------|------|
| 06.3 | 08.0 | 10.7 | 13.5 | 15.6 |
| 16.4 | 14.7 | 12.0 | 9.2 | 7.1 |
| 100 | 70 | 50 | 21 | |

| | | |
|------|------|------|
| 14.0 | 16.6 | 18.2 |
| 8.7 | 6.1 | 4.5 |
| 100 | 20 | |

| | | | |
|------|------|------|------|
| 16.2 | 18.5 | 20.7 | 20.4 |
| 6.5 | 4.2 | 2.0 | 2.3 |
| 100 | 60 | 70 | |

| | | |
|--------------------|------|------|
| Top Stake & Sta. 9 | 21.5 | 21.6 |
| 14.2 | 18.3 | |
| 17.1 | 13.0 | |
| 100 | 60 | 20 |

| | | | | |
|------|------|------|------|------|
| 13.5 | 13.3 | 16.3 | 19.6 | 21.9 |
| 17.8 | 18.0 | 15.0 | 11.7 | 9.4 |
| 100 | 80 | 50 | 15 | |

| | | | | |
|------|------|------|------|------|
| 13.9 | 16.1 | 19.3 | 22.3 | 22.4 |
| 17.4 | 15.2 | 12.0 | 9.0 | 8.9 |
| 100 | 65 | 15 | 70 | |

| | | | | |
|------|------|------|------|------|
| 17.6 | 18.9 | 22.6 | 24.3 | 24.4 |
| 13.7 | 12.4 | 8.7 | 7.0 | 6.9 |
| 100 | 70 | 15 | 70 | |

Sta. + π - Elev.

✓
931.34

+50

11

12

T.P.

9.68

✓
939.83

1.19

✓
930.15

13

+50

14

+50

15

+75

16

+50

17

T.P.

1.21

✓
928.32

12.72

✓
927.14

23.9

$$\begin{array}{r} 7.4 \\ 65 \end{array}$$

25.6

$$\begin{array}{r} 57 \\ 100 \end{array}$$

25.3

$$\begin{array}{r} 60 \\ 60 \end{array}$$

25.4

$$\begin{array}{r} 59 \\ 14 \end{array}$$

27.8

$$\begin{array}{r} 7.5 \\ 100 \end{array}$$

29.9

$$\begin{array}{r} 1.4 \\ 75 \end{array}$$

29.9

$$\begin{array}{r} 14 \\ 50 \end{array}$$

28.3

$$\begin{array}{r} 3.0 \\ 15 \end{array}$$

Top Stake 10' Lt. Sta. 12+0

$$\begin{array}{r} 31.0 \\ 8.8 \\ 100 \end{array}$$

$$\begin{array}{r} 33.8 \\ 6.0 \\ 70 \end{array}$$

$$\begin{array}{r} 35.8 \\ 4.0 \\ 21 \end{array}$$

36.8

$$\begin{array}{r} 3.0 \\ 21 \end{array}$$

35.0

$$\begin{array}{r} 4.8 \\ 100 \end{array}$$

37.8

$$\begin{array}{r} 2.0 \\ 70 \end{array}$$

36.6

$$\begin{array}{r} 3.2 \\ 21 \end{array}$$

29.3

$$\begin{array}{r} 10.5 \\ 100 \end{array}$$

33.2

$$\begin{array}{r} 6.6 \\ 60 \end{array}$$

34.1

$$\begin{array}{r} 5.7 \\ 21 \end{array}$$

26.5

$$\begin{array}{r} 13.3 \\ 100 \end{array}$$

29.2

$$\begin{array}{r} 10.6 \\ 70 \end{array}$$

31.8

$$\begin{array}{r} 8.0 \\ 21 \end{array}$$

29.1

$$\begin{array}{r} 10.7 \\ 100 \end{array}$$

30.2

$$\begin{array}{r} 9.6 \\ 80 \end{array}$$

34.1

$$\begin{array}{r} 5.7 \\ 21 \end{array}$$

26.6

$$\begin{array}{r} 13.2 \\ 100 \end{array}$$

29.3

$$\begin{array}{r} 10.5 \\ 60 \end{array}$$

29.1

$$\begin{array}{r} 10.7 \\ 40 \end{array}$$

33.2

$$\begin{array}{r} 6.6 \\ 15 \end{array}$$

20.1

$$\begin{array}{r} 19.7 \\ 100 \end{array}$$

27.4

$$\begin{array}{r} 12.4 \\ 60 \end{array}$$

35.5

$$\begin{array}{r} 4.3 \\ 20 \end{array}$$

14.8

$$\begin{array}{r} 25.0 \\ 100 \end{array}$$

26.6

$$\begin{array}{r} 13.2 \\ 40 \end{array}$$

31.4

$$\begin{array}{r} 8.4 \\ 20 \end{array}$$

Sta. + T - Elev.
 92832

18

+50

19

20

T.P.

0.80

915.71

13.41

914.91

21

+65

22

T.P.

0.26

902.66

13.31

902.40

23

+50

T.P.

3.15

896.09

9.72

892.94

24

25

T.P.

9.51

905.40

0.20

895.89

T.B.M.

9.14

905.40

9.14

896.26

26

$$\begin{array}{r} 14.6 \\ 13.7 \\ \hline 100 \end{array} \quad \begin{array}{r} 15.8 \\ 12.5 \\ \hline 75 \end{array} \quad \begin{array}{r} 22.6 \\ 5.7 \\ \hline 17 \end{array}$$

$$\begin{array}{r} 12.5 \\ 15.8 \\ \hline 100 \end{array} \quad \begin{array}{r} 13.3 \\ 15.0 \\ \hline 60 \end{array} \quad \begin{array}{r} 17.9 \\ 10.4 \\ \hline 17 \end{array}$$

$$\begin{array}{r} 15.3 \\ 13.0 \\ \hline 100 \end{array} \quad \begin{array}{r} 15.3 \\ 13.0 \\ \hline 60 \end{array} \quad \begin{array}{r} 916.7 \\ 11.6 \\ \hline 15 \end{array}$$

$$\begin{array}{r} 22.3 \\ 6.0 \\ \hline 100 \end{array} \quad \begin{array}{r} 19.1 \\ 9.2 \\ \hline 60 \end{array} \quad \begin{array}{r} 13.7 \\ 14.6 \\ \hline 28 \end{array}$$

$$\begin{array}{r} 19.1 \\ 73.4 \\ \hline 100 \end{array} \quad \begin{array}{r} 14.7 \\ 1.0 \\ \hline 70 \end{array} \quad \begin{array}{r} 10.7 \\ 5.0 \\ \hline 30 \end{array}$$

$$\begin{array}{r} 13.9 \\ 4.8 \\ \hline 100 \end{array} \quad \begin{array}{r} 13.9 \\ 1.8 \\ \hline 75 \end{array} \quad \begin{array}{r} 13.5 \\ 2.2 \\ \hline 55 \end{array} \quad \begin{array}{r} 12.1 \\ 3.6 \\ \hline 30 \end{array}$$

$$\begin{array}{r} 09.7 \\ 6.0 \\ \hline 100 \end{array} \quad \begin{array}{r} 09.7 \\ 6.0 \\ \hline 55 \end{array} \quad \begin{array}{r} 12.0 \\ 3.7 \\ \hline 30 \end{array}$$

$$\begin{array}{r} 91.7 \\ 11.0 \\ \hline 100 \end{array} \quad \begin{array}{r} 92.7 \\ 10.0 \\ \hline 80 \end{array} \quad \begin{array}{r} 93.0 \\ 9.7 \\ \hline 40 \end{array} \quad \begin{array}{r} 92.0 \\ 10.7 \\ \hline 31 \end{array}$$

$$\begin{array}{r} 81.7 \\ 21.0 \\ \hline 100 \end{array} \quad \text{Pot Hole} \quad \begin{array}{r} 87.9 \\ 18.8 \\ \hline 30 \end{array}$$

$$\begin{array}{r} 82.1 \\ 14.0 \\ \hline 110 \end{array} \quad \begin{array}{r} 81.5 \\ 14.6 \\ \hline 100 \end{array} \quad \begin{array}{r} 81.0 \\ 15.1 \\ \hline 60 \end{array} \quad \begin{array}{r} 80.7 \\ 15.4 \\ \hline 32 \end{array}$$

$$\begin{array}{r} 96.6 \\ 105 \\ \hline 100 \end{array} \quad \begin{array}{r} 91.5 \\ 46 \\ \hline 70 \end{array} \quad \begin{array}{r} 84.1 \\ 12.0 \\ \hline 40 \end{array} \quad \begin{array}{r} 84.1 \\ 12.0 \\ \hline 30 \end{array}$$

Top Iron Men.

$$\begin{array}{r} 80.4 \\ 5.0 \\ \hline 32 \end{array}$$

Sta. + T ✓ - Elev.

905.40

27

27

28

29

30

31

T.B.M. 10.29 ✓ 5.01 900.39 ✓
908.02 7.67 897.73

32

+50

33

34

T.P. 11.45 ✓ 1.48 906.54 ✓

35

36

+50

$\begin{array}{r} \text{Lt.} \\ 09.6 \quad 99.6 \\ +4.2 \quad 5.8 \\ \hline 27 \quad 18 \end{array}$
 $\begin{array}{r} \text{E} \\ 98.8 \\ 6.4 \end{array}$

$\begin{array}{r} 02.6 \quad 99.9 \\ 2.8 \quad 5.5 \\ \hline 22 \quad 18 \end{array}$
 $\begin{array}{r} 00.7 \\ 4.7 \end{array}$

Rt.

29

$\begin{array}{r} 08.5 \quad 04.1 \quad 00.3 \\ 13.1 \quad 1.3 \quad 5.1 \\ \hline 100 \quad 60 \quad 24 \end{array}$
 $\begin{array}{r} 00.0 \\ 5.4 \end{array}$

$\begin{array}{r} 05.4 \quad 96.7 \quad 96.7 \\ 9.0 \quad 8.7 \quad 8.7 \\ \hline 90 \quad 40 \quad 24 \end{array}$
 $\begin{array}{r} 00.2 \\ 5.2 \end{array}$

$\begin{array}{r} 00.0 \quad 02.7 \quad 03.3 \\ 5.4 \quad 2.7 \quad 2.1 \\ \hline 100 \quad 65 \quad 32 \end{array}$
 $\begin{array}{r} 00.9 \\ 4.5 \end{array}$

900.12 ERA.

Nail in T.P. @ Clark & McMenemy

$\begin{array}{r} \text{West} = \text{Lt} \\ 99.9 \quad 02.7 \quad 01.0 \quad 97.0 \quad 98.6 \\ 8.1 \quad 5.3 \quad 7.0 \quad 1.0 \quad 9.4 \\ \hline 100 \quad 71 \quad 75 \quad 14 \quad 7 \end{array}$
 $\begin{array}{r} \text{E} \\ 98.8 \\ 9.2 \end{array}$

Rt = EAST

$\begin{array}{r} 02.7 \quad 99.0 \quad 97.8 \quad 96.2 \quad 99.4 \\ 5.3 \quad 9.0 \quad 10.2 \quad 1.8 \quad 8.6 \\ \hline 100 \quad 52 \quad 24 \quad 20 \quad 10 \end{array}$
 $\begin{array}{r} 99.7 \\ 8.3 \end{array}$

$\begin{array}{r} 08.0 \quad 04.7 \quad 01.3 \quad 97.8 \quad 97.6 \quad 00.5 \\ 9.0 \quad 3.3 \quad 6.7 \quad 10.2 \quad 10.4 \quad 2.5 \\ \hline 100 \quad 65 \quad 31 \quad 25 \quad 14 \quad 8 \end{array}$
 $\begin{array}{r} 00.7 \\ 7.3 \end{array}$

$\begin{array}{r} 08.0 \quad 06.1 \quad 99.9 \quad 00.2 \quad 03.3 \\ 9.0 \quad 1.9 \quad 8.1 \quad 7.8 \quad 4.7 \\ \hline 45 \quad 34 \quad 26 \quad 17 \quad 10 \end{array}$
 $\begin{array}{r} 03.6 \\ 4.4 \end{array}$

$\begin{array}{r} 17.6 \quad 14.8 \quad 04.3 \quad 04.4 \quad 06.3 \\ 0.4 \quad 3.2 \quad 13.7 \quad 13.6 \quad 11.7 \\ \hline 60 \quad 36 \quad 24 \quad 19 \quad 13 \end{array}$
 $\begin{array}{r} 06.5 \\ 11.5 \end{array}$

$\begin{array}{r} 18.0 \quad 15.0 \quad 11.8 \quad 08.0 \quad 08.0 \quad 09.3 \\ 9.0 \quad 3.0 \quad 6.2 \quad 10.0 \quad 10.0 \quad 8.7 \\ \hline 100 \quad 65 \quad 29 \quad 24 \quad 19 \quad 14 \end{array}$
 $\begin{array}{r} 09.5 \\ 8.5 \end{array}$

$\begin{array}{r} 14.5 \quad 11.6 \quad 10.6 \\ 3.5 \quad 6.4 \quad 7.4 \\ \hline 15 \quad 45 \quad 30 \end{array}$

Sta. + π ✓ - Elev.

917.99

37

38

T.P.

4.45

✓
921.15

1.29

✓
916.70

39

40

41

42

450

43

B.M.

8.10

919.44

9.81

✓
911.34

44

45

46

47

Lt.

E

Rt.

30

| | | | | |
|-----------|-----------|------------|------------|------------|
| 18.0 | 12.4 | 09.0 | 09.0 | 12.0 |
| <u>00</u> | <u>56</u> | <u>9.0</u> | <u>9.0</u> | <u>6.0</u> |
| 70 | 79 | 24 | 19 | 13 |

| | | | | |
|--------------|------------|------------|------------|------------|
| 28.5 | 14.0 | 13.0 | 14.5 | 15.0 |
| <u>+10.5</u> | <u>4.0</u> | <u>5.0</u> | <u>3.5</u> | <u>3.0</u> |
| 45 | 28 | 20 | 13 | |

| | | | | |
|----------|--------------|------------|------------|------|
| Parvia E | 39 | 35.2 | 16.3 | 16.7 |
| | <u>+14.0</u> | <u>4.9</u> | <u>4.5</u> | |
| | 45 | 20 | | |

| | | |
|-------------|------------|------------|
| 30.2 | 16.5 | 16.9 |
| <u>+9.0</u> | <u>4.7</u> | <u>4.3</u> |
| 42 | 22 | |

| | | |
|------------|------------|------------|
| 21.2 | 13.7 | 15.7 |
| <u>0.0</u> | <u>7.5</u> | <u>5.5</u> |
| 45 | 35 | |

| | | | | |
|------------|------------|------------|------------|------------|
| 12.0 | 12.4 | 11.4 | 13.1 | 13.8 |
| <u>9.2</u> | <u>8.8</u> | <u>9.8</u> | <u>8.1</u> | <u>7.4</u> |
| 100 | 45 | 21 | 10 | |

| | | | | |
|-------------|-------------|-------------|------------|------------|
| 07.2 | 06.0 | 05.9 | 12.2 | 12.9 |
| <u>14.0</u> | <u>15.2</u> | <u>15.3</u> | <u>7.0</u> | <u>8.3</u> |
| 100 | 60 | 30 | 18 | |

| | | | | | |
|-------------|-------------|-------------|------------|------------|------|
| 90 | 2.0 | 02.2 | 04.6 | 11.9 | 12.4 |
| <u>19.2</u> | <u>19.0</u> | <u>10.6</u> | <u>9.3</u> | <u>8.8</u> | |
| 100 | 60 | 35 | 20 | | |

Nail in Arc Light Pole Rt. Sta. 43

| | | | | |
|-------------|------------|------------|------------|------|
| 17.6 | 16.3 | 12.6 | 8.0 | 7.2 |
| <u>10.0</u> | <u>8.0</u> | <u>2.7</u> | <u>1.5</u> | |
| 01.8 | 03.1 | 06.8 | 11.4 | 12.2 |

| | | | |
|-------------|------------|------------|------------|
| 07.2 | 11.7 | 12.0 | 13.4 |
| <u>12.2</u> | <u>7.7</u> | <u>7.4</u> | <u>6.0</u> |
| 100 | 63 | 43 | |

| | | | |
|------------|------------|------------|------------|
| 11.6 | 15.2 | 14.7 | 14.9 |
| <u>7.8</u> | <u>4.2</u> | <u>4.7</u> | <u>4.5</u> |
| 100 | 66 | 40 | |

13.6

5.8
85-T Bank

14.5

49

Sta. + - E/cv.

919.44

48

+50

49

T.B.M. 3.83 911.53 11.74 907.70

50

B.M.

8.13

903.40

903.48

51

+50

52+20

53

54

T.B.M. 8.41 916.99 2.95 908.58

55

56

57

T.P. 6.39 922.87 0.41 916.58 ✓

South = 4.

9

RT

31

| | | |
|------------|------------|------------|
| 10.2 | 12.5 | 13.0 |
| <u>9.2</u> | <u>6.9</u> | <u>6.4</u> |
| 90 | 30 | |

| | | |
|------------|------------|------------|
| 10.7 | 10.9 | 11.7 |
| <u>8.7</u> | <u>8.5</u> | <u>7.7</u> |
| 60 | 76 | |

| | | |
|-------------|-------------|------------|
| 06.4 | 09.0 | 10.2 |
| <u>13.0</u> | <u>10.4</u> | <u>9.2</u> |
| 40 | 75 | |

Top R.R. Spike P.1 - Sta. 50 + 43.1

| | | | | |
|------------|-----------|-----------|-----------|---------|
| 145 | 127 | 110 | 39 | 34 |
| <u>100</u> | <u>70</u> | <u>40</u> | <u>19</u> | <u></u> |
| 97.0 | 98.8 | 00.5 | 07.6 | 08.1 |

Top M.C. Stone Mon. Lt. Sta. 50 +

| | | | | |
|-------------|------------|------------|------------|------------|
| 140 | 144 | 133 | 41 | 36 |
| <u>100</u> | <u>75</u> | <u>48</u> | <u>25</u> | <u></u> |
| 97.5 | 97.1 | 98.2 | 07.4 | 07.9 |
| 99.0 | 02.2 | 04.8 | 06.8 | 07.6 |
| <u>12.5</u> | <u>9.3</u> | <u>6.7</u> | <u>4.7</u> | <u>3.6</u> |
| 100 | 60 | 75 | 17 | |

| | | | |
|-------------|------------|------------|------------|
| 00.4 | 05.7 | 05.9 | 07.5 |
| <u>11.1</u> | <u>5.8</u> | <u>5.6</u> | <u>4.0</u> |
| 100 | 40 | 75 | |

| | | | |
|------------|------------|------------|------------|
| 04.5 | 05.5 | 06.4 | 08.1 |
| <u>7.0</u> | <u>6.0</u> | <u>5.1</u> | <u>3.4</u> |
| 100 | 45 | 27 | |

| | | |
|------------|------------|------------|
| 03.9 | 06.9 | 08.6 |
| <u>7.6</u> | <u>4.6</u> | <u>7.9</u> |
| 100 | 70 | |

Top R.R. Spike R.1

| | | |
|-------------|-------------|------------|
| 06.4 | 06.7 | 08.3 |
| <u>10.6</u> | <u>10.3</u> | <u>8.7</u> |
| 100 | 43 | |

| | | | |
|------------|------------|------------|------------|
| 08.8 | 10.2 | 10.6 | 10.4 |
| <u>8.2</u> | <u>6.8</u> | <u>6.4</u> | <u>6.6</u> |
| 100 | 80 | 17 | |

| | | | |
|------------|------------|------------|------------|
| 17.0 | 17.0 | 14.3 | 15.0 |
| <u>8.0</u> | <u>0.0</u> | <u>2.7</u> | <u>2.0</u> |
| 100 | 32 | 75 | |

Sta.

+

 π

-

Elev.

922.97

58

59

60

61

62

63

T.B.M.

5.78

925.72

3.03

919.94

64

65

66

67

68

South = Lt.

4

Rt.

32

18.8

4.2
100

18.7

4.3
30

18.0

5.0

19.7 20.3

3.3 2.7
100 70

19.2 17.7

3.8 5.3
25 20

18.3

4.7

20.0 20.5

3.0 2.5
100 80

19.8

3.2
20

17.6

5.4
20

18.4

4.6

20.8

2.2
100

19.8

3.2
30

17.4

5.6
70

18.0

5.0

19.7 19.7

3.3 3.3
100 70

19.5

3.5
30

17.4

5.6
20

18.4

4.6

19.9

3.1
100

20.5

2.5
30

18.5

4.5
20

19.5

3.5

Nail in T.P. Rt. Sda.

21.4

4.3
100

20.9

4.8
30

20.5

5.2

Approx Lt + 70 4 Hb.

21.7

3.4

4 Hb. @ Front.

21.9

3.8
100

20.3

5.4
20

21.0

4.7

22.3

3.4
100

21.6

4.1
35

19.9

5.8
20

20.8

4.9

22.4

3.3
100

22.4

3.3
30

20.2

5.5
70

21.1

4.6

22.2

3.5
100

22.0

3.7
35

20.2

5.5
23

20.9

4.8

Sta. + - Elev.

925.72

69

70

71

T.B.M. 9.91 928.82 6.81 918.94 ✓

72 + 16.05 P.1

73

74

75

76

77

78

79

3.73 928.12 4.43 924.39

80

| | | | |
|-------------------|------------------|------------------|----------------|
| 21.7 | 21.4 | 19.7 | 20.2 |
| $\frac{4.0}{100}$ | $\frac{4.3}{50}$ | $\frac{6.0}{73}$ | $\frac{55}{-}$ |

| | | | |
|-------------------|------------------|------------------|----------------|
| 20.4 | 21.2 | 19.5 | 20.0 |
| $\frac{5.3}{100}$ | $\frac{4.5}{30}$ | $\frac{6.2}{15}$ | $\frac{57}{-}$ |

| | |
|------------------|----------------|
| 21.0 | 20.0 |
| $\frac{4.7}{35}$ | $\frac{57}{-}$ |

Nail. Arc Light Pole #2-

Little Canada Rd. & Lake Dr.

80 20.8

| | | | |
|-------------------|--------------------|-------------------|-----|
| EAST | = Lt. | E | Rt. |
| $\frac{21.0}{28}$ | $\frac{22.1}{6.7}$ | $\frac{21.1}{77}$ | |
| $\frac{50}{-}$ | $\frac{37}{-}$ | | |

| | | |
|-------------------|------------------|----------------|
| 20.7 | 21.8 | 22.2 |
| $\frac{8.1}{100}$ | $\frac{7.0}{40}$ | $\frac{66}{-}$ |

| | | |
|-------------------|------------------|----------------|
| 21.5 | 23.4 | 23.3 |
| $\frac{7.3}{100}$ | $\frac{5.4}{35}$ | $\frac{55}{-}$ |

| | | | |
|-------------------|-------------------|------------------|----------------|
| 22.2 | 22.8 | 23.8 | 23.4 |
| $\frac{6.6}{100}$ | $\frac{6.0}{100}$ | $\frac{5.0}{40}$ | $\frac{54}{-}$ |

| | | | | |
|-------------------|-------------------|-------------------|------------------|----------------|
| 23.3 | 23.2 | 22.9 | 23.8 | 23.2 |
| $\frac{5.5}{300}$ | $\frac{5.6}{200}$ | $\frac{5.9}{100}$ | $\frac{5.0}{40}$ | $\frac{56}{-}$ |

| | | | | |
|-------------------|-------------------|-------------------|------------------|----------------|
| 21.8 | 22.1 | 22.8 | 23.5 | 23.5 |
| $\frac{7.0}{300}$ | $\frac{6.7}{200}$ | $\frac{6.0}{100}$ | $\frac{5.3}{35}$ | $\frac{53}{-}$ |

| | | | | |
|-------------------|-------------------|-------------------|------------------|-----------------|
| 20.1 | 19.2 | 20.2 | 22.6 | 22.7 |
| $\frac{8.7}{300}$ | $\frac{9.6}{200}$ | $\frac{8.6}{100}$ | $\frac{6.2}{35}$ | $\frac{6.1}{-}$ |

| | | | | |
|-----------|-------------------|------------------|------------------|-----------------|
| Top Stake | 80 | 22.7 | 23.5 | 23.1 |
| | $\frac{7.4}{100}$ | $\frac{5.4}{65}$ | $\frac{4.6}{32}$ | $\frac{5.0}{-}$ |

Sta. + Δ - Elev

928.12

81

82

83

84

B.M.

6.85 921.27 = 921.43

lt.

g

rt.

34

| | | | | |
|-------------------|-------------------|------------------|------------------|------------------|
| 18.1 | 21.8 | 24.9 | 23.9 | 24.1 |
| $\frac{100}{140}$ | $\frac{6.3}{100}$ | $\frac{3.2}{34}$ | $\frac{4.2}{30}$ | $\frac{4.0}{40}$ |

| | | | |
|-------------------|-------------------|------------------|------------------|
| 20.5 | 22.1 | 23.8 | 23.2 |
| $\frac{7.6}{128}$ | $\frac{6.0}{100}$ | $\frac{4.3}{35}$ | $\frac{4.9}{49}$ |

| | | | |
|-------------------|------------------|------------------|------------------|
| 19.3 | 20.8 | 22.0 | 22.5 |
| $\frac{8.8}{100}$ | $\frac{7.3}{75}$ | $\frac{6.1}{33}$ | $\frac{5.6}{56}$ |

21.1
7.0

N.E. Cor. Res.

| | | | |
|--------------------|------------------|------------------|------------------|
| 14.1 | 18.4 | 21.6 | 21.8 |
| $\frac{14.0}{100}$ | $\frac{9.7}{52}$ | $\frac{6.5}{75}$ | $\frac{6.2}{62}$ |

Top Stone Mon.

Sta.

+

π ✓

-

Elev.

10.65

932.08

921.43

84+50

85

86

87

88

89

90

T.P.

10.62

942.29 ✓

0.41

931.67 ✓

91

B.M.

91+49.95

1.50

942.29 ✓

1.50

940.79 ✓

92

93

+50

4.

2

Rt.

35

Top Stone Mon.

| | | |
|-------|-------------------|------------|
| | 21.0 South | 21.4 North |
| South | $\frac{11.1}{30}$ | 10.7 |

| | |
|------------------|------|
| 22.5 | 23.0 |
| $\frac{7.6}{30}$ | 9.1 |

| | | | | |
|------------------|------------------|------------------|------------------|------|
| 24.0 | 22.4 | 22.4 | 24.3 | 24.8 |
| $\frac{8.1}{23}$ | $\frac{9.7}{20}$ | $\frac{9.7}{15}$ | $\frac{7.8}{10}$ | 7.3 |

| | | | | |
|------------------|------------------|------------------|-----------------|------|
| 25.9 | 23.1 | 23.1 | 25.7 | 26.1 |
| $\frac{6.2}{24}$ | $\frac{9.0}{20}$ | $\frac{9.0}{16}$ | $\frac{6.4}{8}$ | 6.0 |

| | | |
|------------------|------------------|------------------|
| 23.8 | 24.0 | 27.0 |
| $\frac{8.3}{24}$ | $\frac{8.1}{11}$ | $\frac{5.1}{11}$ |

| | | |
|------------------|-----------------|------|
| 25.9 | 26.1 | 28.9 |
| $\frac{6.2}{24}$ | $\frac{6.0}{9}$ | 3.2 |

| | | |
|------------------|-----------------|------|
| 27.9 | 28.9 | 31.9 |
| $\frac{4.2}{23}$ | $\frac{3.2}{8}$ | 0.2 |

| | | |
|-------------------|-------------------|------|
| 32.3 | 31.9 | 37.0 |
| $\frac{10.0}{23}$ | $\frac{10.4}{11}$ | 5.3 |

| | | |
|------------------|-----------------|------------------|
| 37.9 | 36.6 | 40.8 |
| $\frac{4.4}{20}$ | $\frac{6.7}{9}$ | $\frac{1.5}{11}$ |

Top Mon

South

| | | | |
|--------------------|------------------|------------------|------|
| 29.3 East | 34.5 | 37.0 West | 41.2 |
| $\frac{13.0}{100}$ | $\frac{7.8}{40}$ | $\frac{1.1}{11}$ | |

R.R. Fence

| | | | |
|--------------------|-------------------|------------------|------|
| 29.3 | 31.3 | 33.1 | 33.1 |
| $\frac{13.0}{100}$ | $\frac{11.0}{70}$ | $\frac{9.2}{11}$ | |

| | | | | |
|--------------------|-------------------|-------------------|-------------------|------------------|
| 29.3 | 28.7 | 30.8 | 31.2 | 34.2 |
| $\frac{13.0}{100}$ | $\frac{13.6}{80}$ | $\frac{11.5}{40}$ | $\frac{11.1}{11}$ | $\frac{8.1}{11}$ |

| Sta. | + | π | - | Elev. |
|------|------|----------|------|----------|
| 94 | | 942.29 ✓ | | |
| T.P. | 6.67 | 939.55 ✓ | 9.41 | 932.88 ✓ |

+50

95

+60

96

| | | | | |
|------|------|--------|-------|--------|
| 97 | | ✓ | | ✓ |
| T.P. | 0.27 | 927.16 | 12.66 | 926.89 |

+70

98

+50

| | | | | |
|------|------|--------|-------|--------|
| 99 | | ✓ | | ✓ |
| T.P. | 1.50 | 916.80 | 11.86 | 915.30 |

+50

100

+20

Lt.

L

Rt.

76

30.3

$$\begin{array}{r} 120 \\ 100 \end{array}$$

Top Stake 94

31.7

$$\begin{array}{r} 100 \\ 35 \end{array}$$

34.5

$$\begin{array}{r} 51 \\ 1 \end{array}$$

31.8

$$\begin{array}{r} 105 \\ 35 \end{array}$$

36.6

$$\begin{array}{r} 57 \\ 35 \end{array}$$

= R.R. ROW

31.3

$$\begin{array}{r} 83 \\ 100 \end{array}$$

33.8

$$\begin{array}{r} 58 \\ 65 \end{array}$$

33.0

$$\begin{array}{r} 66 \\ 90 \end{array}$$

30.6

$$\begin{array}{r} 90 \\ 100 \end{array}$$

22.2

$$\begin{array}{r} 174 \\ 100 \end{array}$$

23.9

$$\begin{array}{r} 157 \\ 40 \end{array}$$

Top Stake 97

$$\begin{array}{r} 106 \\ 100 \end{array}$$

16.6

15.9

$$\begin{array}{r} 113 \\ 100 \end{array}$$

14.6

$$\begin{array}{r} 126 \\ 70 \end{array}$$

16.8

$$\begin{array}{r} 104 \\ 40 \end{array}$$

20.4

$$\begin{array}{r} 68 \\ 40 \end{array}$$

12.8

$$\begin{array}{r} 142 \\ 100 \end{array}$$

12.9

$$\begin{array}{r} 143 \\ 80 \end{array}$$

18.1

$$\begin{array}{r} 91 \\ 40 \end{array}$$

21.9

$$\begin{array}{r} 53 \\ 40 \end{array}$$

23.0

$$\begin{array}{r} 42 \\ 40 \end{array}$$

11.2

$$\begin{array}{r} 160 \\ 100 \end{array}$$

07.8

$$\begin{array}{r} 104 \\ 35 \end{array}$$

16.8

$$\begin{array}{r} 104 \\ 35 \end{array}$$

17.0

$$\begin{array}{r} 102 \\ 35 \end{array}$$

12.5

$$\begin{array}{r} 43 \\ 100 \end{array}$$

12.0

$$\begin{array}{r} 48 \\ 40 \end{array}$$

10.8

$$\begin{array}{r} 40 \\ 40 \end{array}$$

11.2

$$\begin{array}{r} 56 \\ 40 \end{array}$$

11.5

$$\begin{array}{r} 53 \\ 100 \end{array}$$

10.1

$$\begin{array}{r} 67 \\ 50 \end{array}$$

07.2

$$\begin{array}{r} 96 \\ 50 \end{array}$$

07.4

$$\begin{array}{r} 94 \\ 50 \end{array}$$

15.1

$$\begin{array}{r} 107 \\ 50 \end{array}$$

Sta.

+

π

-

Elev.

916.80

101

102

750

103

750

104

B.M.

4.68

917.15

Lt.

S

Rt.

37

03.9

05.5

06.7

12.9

113

10.1

Cor Marsh - 100

R. Row.

N.W.

02.6

03.4

05.7

08.8

14.2

13.4

14.1

8.0

E. Marsh - 100

50

30.7

10.4

02.0

03.3

06.2

10.7

E. Marsh - 148

13.5

10.6

6.1

50

06.8

10.0

04.4

09.6

12.3

12.4

7.2

4.5

4.5

Aug. 12, 1935

Sta.

+

π

-

Elev.

stadia-

Station Adj. Station Rod. Ver. A Cor. Dist Elev.

B.M. 6.72 914.94 908.22

N. @ Sta (104+65.89 = 0+00) B.S. on 91449.25

At #2

AT HUB No. 2

| | | | | | |
|---------------------|---------|--------|--------|------------|--------|
| [2] | 40°00' | 863' | 1.77 | | 913.17 |
| | 336°00' | 917.97 | 3.4 | | 14.6 |
| | 13°15' | 170' | 2.6 | | 15.4 |
| N & S
Fence line | 30°00' | 198' | 4.6 | | 13.4 |
| | 10°45' | 372' | 0.0 | | 18.0 |
| N & S
Fence | 166°24' | 413' | 0.7 | | 17.3 |
| | 354°40' | 270' | 6.7 | | 11.3 |
| Edger Marsh | 196°20' | 408' | 16.7 | | 01.3 |
| | 336°45' | 377' | +3.13 | | 21.1 |
| | 197°10' | 288' | 16.7 | | 01.3 |
| | 323°50' | 408' | +0°51' | +6.1 -4.8 | 19.3 |
| | 318°40' | 500' | +1°05' | +9.5 -4.8 | 22.7 |
| N & S Fence | 159°21' | 287' | 6.5 | | 11.5 |
| | 313°20' | 305' | +2°10' | +11.5 -4.8 | 24.7 |
| N & S Fence | 147°45' | 192' | 16.5 | | 01.5 |
| | 288°00' | 292' | +2°05' | +10.6 -4.8 | 23.8 |
| E. Marsh | 201°23' | 174' | 16.7 | | 01.3 |
| | 275°47' | 330' | 1.9 | | 16.1 |
| | 270°32' | 404' | 0.5 | | 17.5 |
| + E Fence | 95°33' | 102' | 13.0 | | 05.0 |
| N & S Fence | 113°00' | 395' | 9.2 | | 08.8 |
| E Marsh | 234°03' | 377' | 14.0 | | 04.2 |
| | 227°16' | 378' | -1°45' | -11.5 -4.8 | 01.7 |

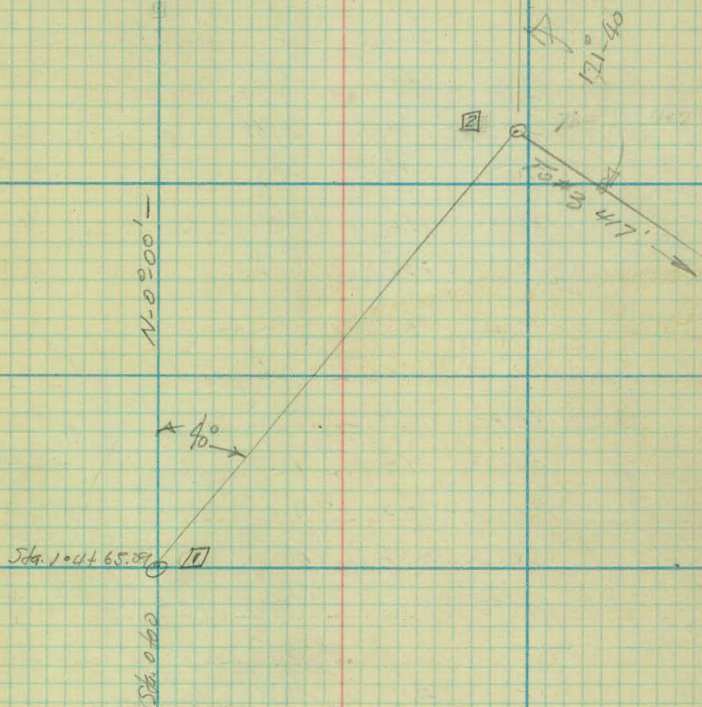
53

Stone Mon
91+94.91 - □

Aug. 16-1935

W.H.G. | H.A.W.

K.A. | L.B.H.



| Sta. | Stadia | Red. Vert. Δ | Cor. Dist | Elev. |
|---------------------|---------------------|--------------|--------------------------|--------|
| | <u>HI 917.97</u> | | | |
| | 272°25' | 132' | 10.3 | 07.7 |
| | 324°50' | 132' | 8.7 | 09.3 |
| | 345°20' | 40' | 3.2 | 14.8 |
| Ch. Steeple | 75°42' | | | |
| | 128°04' | 222' | 17.2 | 00.8 |
| | 92°50' | 235' | -8°40' -35.4 -4.8 | 77.8 ✓ |
| | 130°30' | 342' | 2.5 | 15.5 |
| | 138°45' | 392' | +0 40' +4.6 -4.8 | 17.8 |
| F. Cop. & No. Fence | 91°37' | 437' | -5°50' -44.4 -4.8 | 68.8 ✓ |
| | 146°30' | 322' | 7.2 | 10.8 |
| | 149°30' | 373' | 5.7 | 12.3 |
| | 111°50' | 515' | -4°00' -35.9 -4.8 | 77.3 ✓ |
| | 156°30' | 410' | 1.8 | 16.2 |
| | 121°15' | 545' | 13.8 | 04.2 |
| | 158°20' | 482' | 6.3 | 11.7 |
| | 147°30' | 470' | +1°00' +8.2 -4.8 | 21.4 |
| | 130°15' | 610' | 6.5 | 11.5 |
| | 131°00' | 418' | 3.3 | 14.7 |
| At #2 | <u>At Hub No. 3</u> | | | |
| To Hub #3 | 121°40' | 417' | 12.43 | 905.54 |
| | 4.8 | 910.34 ✓ | | |
| Ch. Az. Steeple | 68°41' | | | |
| | 165°00' | 260 | 9.4
+4°30' +20.4 -9.6 | 21.1 |
| | 0°00' | 360 | 16.2 | 94.1 |
| | 179°10' | 203 | +3°00' +10.6 -4.8 | 16.1 |
| | 343°00' | 413 | 4.2 | 06.1 |
| | 345°50' | 525' | 0.0 | 10.3 |

| Station | Adj. | Skid. g | Rel - Ver. g | Cor. Dist | Elev. |
|--------------------|---------|---------------|--------------|------------|--------|
| <u>H.I. 910.34</u> | | | | | |
| | 138°00' | 362' | +3°10' | +20.0 -4.8 | 25.5 |
| | 6°00' | 475' | 17.4 | | 92.9 |
| | 106°45' | 270' | 0.0 | | 10.3 |
| | 5°20' | 665' | 14.0 | | 96.3 |
| | 64°10' | 204' | 12.0 | | 98.3 |
| | 352°20' | 645' | 2.8 | | 07.5 |
| | 41°41' | 285' | -2°40' | -13.3 -4.8 | 92.2 |
| | 342°00 | 685' | +1°00' | +12.0 -4.8 | 17.5 |
| | 348°10 | 750 | +0°30' | +6.5 -4.8 | 15.4 |
| To #4 | 80°00' | 238' | 7.81 | | 902.53 |
| At #4 | 4.20 | <u>906.76</u> | | | |
| Ch Asi. Steeple | 67°29' | | | | |
| | 111°00' | 125' | 4.8 | | 02.0 |
| Fa. Cor. | 38°02' | 139' | 14.0 | | 92.8 |
| | 84°40' | 130' | 10.8 | | 96.0 |
| NYS Fence | 16°05' | 494' | 10.4 | | 96.4 |
| | 136°03' | 155' | 3.6 | | 03.2 |
| Fa. Cor. | 10°36' | 635' | 14.0 | | 92.8 |
| | 129°00 | 222' | 3.6 | | 03.2 |
| Δ Fence | 1°15' | 522' | 12.7 | | 94.1 |
| | 355°10 | 544' | 14.3 | | 92.5 |
| | 148°05' | 372' | +3°00' | +12.5 -4.2 | 22.1 |
| | 130°53' | 330' | +0°40' | +3.8 -4.2 | 06.4 |
| | 119°35' | 217' | 10.0 | | 96.8 |
| | 95°06' | 313' | 14.2 | | 92.6 |
| | 70°50' | 352' | 14.4 | | 92.4 |
| Fa. Cor. | 56°19' | 523' | 14.2 | | 92.6 |

| Station | #3 | Station | Rad - Ver | Cor Dist | Dist |
|------------|--------|---------|---------------|----------|----------|
| | | H.T | <u>906.76</u> | | |
| | 0°00' | 159' | 14.1 | | 92.7 |
| Cor Timber | 0°00' | 271' | 11.9 | | 94.9 |
| To #5 | 71°30' | 522' | 58.2 | | 900.94 ✓ |

Back to #4 ^{+4.93} H.T. (905.87)

| | | | | | |
|----------------|---------|------|--------|------------|----------|
| Fe. Cor | 194°28' | 318' | 9.8 | | 96.1 |
| A Fence | 5°27' | 283' | 14.5 | | 91.4 |
| N & S Fence | 189°30' | 395' | +1°30' | +3.4 -4.9 | 04.4 |
| Tree Line | 22°40' | 218' | +1°20' | +5.1 -4.9 | 06.1 |
| In Farm yd. | 171°22' | 382' | +1°40' | +11.1 -4.9 | 12.1 |
| N.W. Cor House | 180°32' | | | | |
| N.E. Cor " | 177°57' | | | | |
| In Woods | 61°35' | 190' | +3°50' | +12.7 -4.9 | 12.7 |
| N & S Fence | 148°32' | 455' | +1°30' | +11.9 -4.9 | 12.9 |
| | 115°10' | 295' | 5.5 | | 00.4 |
| Fe. Cor. | 139°30' | 331' | 3.0 | | 02.9 |
| | 171°20' | 310' | 6.8 | | 99.1 |
| | 186°00' | 195' | 12.8 | | 93.1 |
| | 183°00' | 115' | 12.4 | | 93.5 |
| | 139°03' | 216' | 9.9 | | 96.0 |
| To #6 | 120°04' | 295' | 3.95 | | 901.92 ✓ |

Sta. 7 Stadia R. Ver. C. Cor. Dist Elev.

#7. A @ Sta. 1940 B.S. on Sta. stop

| | | | |
|--------|---------|-------------|-----------|
| 44°30' | 146' | 1.7 | 22.4 |
| 50°00' | 190' | 4.6 | 19.5 |
| 47°10' | 255' | +1°10' +5.2 | -5.0 24.3 |
| 33°20' | 265' | +1°30' +6.9 | -5.0 26.0 |
| 10°30' | 236' | 10.2 | 13.9 |
| To #8 | 354°15' | 2.75' | 10.95 |
| | | | 913.12 |

| | | | |
|--------|---------|-------------|-----------|
| At #8 | 4.95 | 918.07 | |
| 88°43' | 118' | 0.0 | 18.1 |
| 79°00' | 235' | +1°50' +7.5 | -5.0 20.6 |
| 36°10' | 153' | 4.8 | 13.3 |
| To #9 | 355°57' | 119' | 12.61 |
| | | | 905.46 |

| | | | |
|------------|--------|--------|--------|
| At #9 to 8 | 4.85 | 910.31 | |
| To #6 | 13°05' | 129' | 8.58 |
| | | | 901.73 |

| | | | |
|-----------|------|--------|--|
| At # L #1 | 4.23 | 906.15 | |
|-----------|------|--------|--|

| | | | |
|-------|---------|---------|------|
| to #9 | 193°05' | 129' | |
| to #5 | 300°04' | 120°04' | 295' |

Ph Slope 57°40'

| | | | | |
|-------------|---------|------|------|------|
| Edge Timber | 342°30' | 45' | 6.3 | 99.9 |
| Marsh | 76°20' | 95' | 11.0 | 95.2 |
| E Timber | 16°00' | 124' | 6.4 | 99.8 |
| In Marsh | 82°00' | 182' | 11.7 | 94.5 |
| E Timber | 36°15' | 194' | 6.5 | 99.7 |
| E. Marsh | 109°15' | 180' | 10.9 | 95.3 |
| " " | 47°05' | 360' | 8.5 | 97.7 |
| E. Timber | 118°05' | 190' | 4.9 | 01.3 |

| | | | | | |
|---------------------------|---------|------------------|-------------------|----------|----------|
| Sta | A3 | Station | Roll-Hor A | Cor Dist | Elev |
| | | <u>HI 906.15</u> | | | |
| IN Marsh | 56°55' | 355' | 11.4 | | 94.8 |
| E Marsh | 106°00' | 263' | 10.7 | | 95.5 |
| E Timber | 102°15' | 307' | 7.0 | | 99.2 |
| E Marsh | 86°12' | 337' | 10.2 | | 96.0 |
| PT in Woods | 26°05' | 226' | 0.7 | | 05.5 |
| Ed Timber | 81°02' | 357' | 7.5 | | 98.7 |
| E Marsh | 49°50' | 152' | 11.0 | | 95.2 |
| | 49°56' | 90' | 8.0 | | 98.2 |
| E Marsh | 57°22' | 435' | 10.5 | | 95.7 |
| To #10 | 58°35' | 472' | 8.08 | | 898.07 ✓ |
| A #10 | HI 5.00 | 903.07 | | | |
| To #6 | 58°45' | 572' | ? | | |
| Ch Steeple | 57°11' | | | | |
| IN Draw | 334°10' | 43' | 8.1 | | 95.0 |
| IN Timber | 274°15' | 216' | +2°40' +10.0 -5.0 | | 08.1 |
| IN Draw | 38°40' | 152' | 7.2 | | 95.9 |
| Ridge | 299°10' | 155' | +3°50' +10.4 -5.0 | | 08.5 |
| IN Draw | 47°42' | 256' | 7.4 | | 95.7 |
| On Ridge | 325°30' | 142' | +3°15' +8.0 -5.0 | | 06.1 |
| IN Draw | 51°30' | 344' | 7.1 | | 96.0 |
| E Timber | 331°40' | 98' | 4.0 | | 99.1 |
| | 50°21' | 421' | 8.1 | | 95.0 |
| Edge Timber | 14°10' | 129' | 4.0 | | 99.1 |
| ^{Mean} Sec. Cor. | 66°38' | 363' | | | |
| On Ridge | 58°25' | 180' | +4°20' +13.6 -5.0 | | 11.7 |
| Timber | 67°50' | 253' | | | |
| Ridge | 11°20' | 226' | +3°30' +13.8 -5.0 | | 11.9 |

ch. +
 MEN-1140
 ALICE

N
 MC. ▣

Timber
 scattered Oaks

#10

Mars

Timber.

#6 ▣

#9 ▣

#8 ▣

Clark Ave.

Solo 19
 Pt. 7

Sta Az Dist Back Sht Cor. Dist Elev

HI 903.07

| | | | | |
|----------|--------|-----|------------------|------|
| E Timber | 60°10' | 130 | 2.8 | 00.3 |
| " " | 27°40' | 209 | 3.8 | 99.3 |
| Ridge | 25°00' | 295 | +1°45' +9.0 -5.0 | 07.1 |
| Timber | 37°15' | 335 | 3.2 | 99.9 |

To #11 = Sta 11+00 'A Line'

| | | | |
|--------|------|-----|------|
| 45°36' | 467' | 8.8 | 94.3 |
|--------|------|-----|------|

| | | | | |
|--------|--------|------|------|--------|
| To #11 | 45°36' | 467' | 7.95 | 895.12 |
|--------|--------|------|------|--------|

□ #12 = 26 + 26.42 = 0+00 on A Line

HI 5.30 901.56 896.26

90°23' Back Az. to Sta 13+00

| | | | | |
|--------|---------|------|------|--------|
| To #13 | 309°38' | 215' | 2.64 | 898.92 |
|--------|---------|------|------|--------|

At #13 HI 4.75 903.67

| | | | |
|---------|------|------------------|------|
| 267°50' | 217' | +2°00' +7.6 -4.8 | 06.5 |
|---------|------|------------------|------|

| | | | |
|--------|-----|--------------------|------|
| 83°25' | 55' | +13°30' +13.2 -4.8 | 12.1 |
|--------|-----|--------------------|------|

| | | | |
|--------|-----|--------------------|------|
| 17°05' | 60' | +13°40' +14.2 -4.8 | 13.1 |
|--------|-----|--------------------|------|

| | | | |
|---------|------|-------------------|------|
| 274°20' | 145' | -5°45' -14.5 -4.8 | 13.4 |
|---------|------|-------------------|------|

| | | | |
|---------|------|------|------|
| 296°45' | 195' | 13.5 | 90.2 |
|---------|------|------|------|

| | | | |
|---------|------|-------------------|------|
| 341°45' | 116' | +9°10' +18.5 -4.8 | 17.4 |
|---------|------|-------------------|------|

| | | | | |
|--------|---------|------|------|--------|
| To #14 | 313°56' | 159' | 1.67 | 902.00 |
|--------|---------|------|------|--------|

At #14 HI

| | | | | |
|--------|---------|------|--|--|
| To #15 | 313°56' | 142' | | |
|--------|---------|------|--|--|

| | | | | |
|--------|-------|--------|------|--------|
| At #15 | 13.11 | 915.11 | 2.06 | 913.05 |
|--------|-------|--------|------|--------|

HI 8.61 921.66

| | |
|------|--------|
| 4.95 | 916.71 |
|------|--------|

| | | | |
|---------|------|-----|------|
| 196°10' | 146' | 7.3 | 14.4 |
|---------|------|-----|------|

| | | | |
|---------|------|-----|------|
| 110°50' | 123' | 3.1 | 18.6 |
|---------|------|-----|------|

| | | | |
|---------|-----|-----|------|
| 212°20' | 80' | 6.1 | 15.6 |
|---------|-----|-----|------|

Timber

| Sta. | A3. | Stadia Rod - Wood | Cor. Dist. | Elev |
|------|---------|-------------------|-------------------|------|
| | HI | 921.66 | | |
| | 4°45' | 50' | 0.8 | 20.9 |
| | 270°30' | 82' | 7.2 | 14.5 |
| | 296°55' | 127' | 16.0 | 05.7 |
| | 46°25' | 170' | +5°10' +15.3 -5.0 | 32.0 |
| | 49°45' | 246' | +4°50' +20.7 -5.0 | 37.4 |
| | 72°15' | 208' | +5°28' +19.8 -5.0 | 36.5 |

Sta B to A line

| | | | | |
|-----|--------|--------|------|--------|
| | 97°04' | | | |
| | 13.17 | 910.90 | 0.00 | 897.73 |
| | 12.33 | 922.45 | 0.78 | 910.12 |
| | 12.25 | 934.40 | 0.30 | 922.15 |
| | 12.50 | 945.95 | 0.95 | 933.45 |
| #17 | | | 3.80 | 942.15 |

#16 T@ 31456.92 B.S. on #12 = 26126.

To #17 332°00' 440'

A#17 H.I. 4.9 947.05

| | | | | |
|--|---------|------|------|------|
| | 195°25' | 123' | 13.8 | 33.3 |
| | 139°00' | 114' | 15.2 | 31.9 |
| | 182°03' | 164' | 18.6 | 28.5 |
| | 69°00' | 102' | 17.0 | 30.1 |
| | 213°50' | 208' | 19.0 | 28.1 |
| | 236°20' | 304' | 7.2 | 39.9 |
| | 13°40' | 152' | 13.7 | 33.4 |

Ch. Steeple 13°10'

| | | | | | |
|--|---------|------|--------|-----------|------|
| | 270°50' | 248' | +0.40' | +2.9 -7.0 | 43.0 |
| | 27°57' | 232' | 7.0 | | 31.9 |
| | 302°55' | 291' | 15.2 | | 32.8 |
| | 17°00' | 374' | 14.3 | | 41.2 |
| | | | 5.9 | | |

Sta. A3 Station Rod-Verd Corr. Dist Elev.

H.I. 947.05

| | | | |
|---------|------|------|------|
| 8°30' | 313' | 8.8 | 38.3 |
| 3°07' | 253' | 12.7 | 34.4 |
| 12°27' | 205' | 9.7 | 37.4 |
| 309°25' | 180' | 14.5 | 32.6 |
| 325°38' | 261' | 9.3 | 37.8 |
| 338°55' | 95' | 9.6 | 37.5 |
| 18°52' | 66' | 7.1 | 40.0 |
| 69°06' | 35' | 6.5 | 40.6 |
| 238°18' | 105' | 11.2 | 35.9 |

To # 18 3°39' 355' 14.55' 932.50

At # 18 (H.I. 5.05 = 927.45)
937.55

| | | | |
|-------------|---------|------|-------------------|
| Ch. Steeple | 18°23' | | |
| | 12°25' | 45' | 7.2 |
| | 248°16' | 57' | 8.3 |
| | 284°30' | 102' | 7.8 |
| | 297°32' | 64' | 9.2 |
| | 267°40' | 222' | 9.1 |
| | 356°05' | 155' | -5°50' -15.8 -5.1 |

To # 19 0.55 933.05 13.57 919.48 932.50

To # 19 3°27' 133' (H.I. 4.9 = 924.38)

| | | | | |
|---------|---------|------|-------------------|------|
| At # 19 | 37°36' | 73' | 9.5 | 14.9 |
| | 337°00' | 230' | -4°05' -16.4 -4.9 | 03.1 |
| | 282°43' | 72' | 10.8 | 13.6 |
| | 270°22' | 192' | 9.4 | 15.0 |
| | 9°05' | 140' | -8°40' -21.1 -4.9 | 98.4 |

| Sta | Az | Stadim | Run/Vel/A | Cor. Dist | Elev |
|---------------|---------------------|--------------|-----------|-----------|----------------------------|
| | H.I | 924.38 | | | |
| Ch. Main Cor. | 277°01' | 357' | | | |
| To # 20 | Mount. | 9+17. | | | |
| | 0.55 | 920.03 | | | 919.48 |
| | 0.95 | 909.40 | 11.58 | 908.45 | |
| | | 14.52 | 894.88 | | |
| At # 20 | (H.I 4.55 = 904.63) | | | | 900.08 ^{Top mon.} |
| To # 11 | 359°52' | 82' | | | |
| | (Sec Cor. | 5, 6, 7, 8.) | | | |
| To # 21 | 359°52' | 400' | 13.37 | | 891.26 |
| Ch. Steeple | 51°52' | | | | |
| (At # 20) | 41°45' | 340' | 6.0 | | 98.6 |
| | 31°35' | 386' | 4.5 | | 10.1 |
| | 17°22' | 295' | 12.0 | | 92.6 |
| | 32°00' | 204' | 10.0 | | 94.6 |
| | 61°50' | 108' | 7.1 | | 97.5 |
| To # 10 | 245°10' | 363' | | | |

Sta. Ag. Station R. A. Verd

 $\pi @ \#5$ (H.S. on #6)
 120.00

#5

H.I. ✓

900.94

4.9

905.84

To #22

10°35'

202

9.90

895.94 ✓

(H.I. 5.00 = 900.94)

AT #22

38°55'

143'

10.8

90.1

E. Timber

20°40'

106'

+2°40'

+4.9 - 5.0

00.8

A Fence

352°13'

82'

10.0

90.9 ✓

To #23

53°27'

115'

4.09

896.85

Fence 14

at #23

(H.I. 4.65 = 901.50)

92°00'

83'

8.2

93.3

13°35'

85'

11.8

89.7

124°10'

83'

+4°50'

+7.0 -4.7

03.8

124°10'

145'

+3°55'

+9.9 -4.7

06.7

65°00'

175'

11.9

89.6

112°40'

142'

4.7

(Tree

96.8

10'

Fence

83°05'

162'

10.1

91.4

98°20'

226'

6.7

(Tree

94.8

10'

A Fence

84°45'

265'

9.5

92.0

106°45'

240'

+1°35'

+6.6 -4.7

03.4

Lake Bed

69°18'

273'

11.8

89.7

92°45'

327'

+1°40'

+9.5 -4.7

06.3

Tree Line

To #24

87°55'

322'

4.47

897.03 ✓

AT #24

(H.I. 4.85 = 901.88)

75°17'

146'

+3°00'

+7.6 -4.7

04.8

67°45'

145'

4.5

(Tree

97.4

Line)

N

x x x
112310'

#220

(Fence 14' Lt sta)
Hub # 23

1033'

120°04'

#5

#16

North)

North)

| Sta. | Az. | Sidings | Red. Ver. A | Cor. Dist | Elev. |
|------------------|---------|------------|-------------|-----------|----------|
| <u>HI 901.88</u> | | | | | |
| Fence | 50°18' | 175' | 10.0 | | 91.9 |
| | 65°15' | 203' | 5.0 | | 96.9 |
| | 24°00' | 177' | 12.3 | | 89.6 |
| To #25 | 66°15' | 369' | 3.17 | | 898.71 ✓ |
| At #25 | (H.I | 485 = | 903.56 | | |
| Ch. Steeple | 71°45' | | | | |
| A Fence | 291°23' | 73' | 11.5 | | 92.1 |
| Tree line | 144°02' | 25' | 1.0 | | 92.6 |
| | 316°30' | 124' | 14.0 | | 89.6 |
| | 98°35' | 109' | 5.4 | | 98.2 |
| | 24°34' | 122' | 13.6 | | 90.0 |
| Fence line | 60°38' | 115' | 10.0 | | 93.6 |
| D # 26 | = | 13 + 17.60 | A Line | | |
| To #26 | 42°27' | 294' | 12.30 | | 891.26 ✓ |

Bank 21' south 9' Higher = Tree Line

(Tree Line 20' south)

Sta. Az. Slatiq Rod Ver. Δ Cor. Dist Elev.

X @ Sta 240 - "B" Line = 27 ✓
+4.48 H.I. 903.06

898.58

B.S. Sta. 0 to

F.S. Sta. 1473 ~~1473~~

90° 22'

At # 27 357° 15' 113' 5.5 97.6

Fence Cor. 11° 00' 163' 10.0 93.1

5° 40' 213' 4.4 98.7

5° 40' 390' +0° 55' +6.2 -4.5 04.8

45° 10' 224' 12.7 90.4

29° 50' 380' 0.0 03.1

So. West Cor. Tree Line 34° 00' 338' 8.7 94.4

36° 48' 458' +0° 40' +5.3 -4.5 03.9

Tree Line 43° 06' 433' 10.0 93.1

To Δ # 28 48° 33' 720' 2.95 900.11 ✓

At # 28 (H.I.) 4.9 = 905.01 ✓

4° 00' 114' 0.30 04.7

257° 00' 175' 1.0 04.0

N & S. Fence Line 237° 50' 183' 11.5 Tree Line 93.5

Per Fence 228° 26' 198' 13.2 91.8

177° 08' 62' 12.5 92.5

Sta 5400 on "D" line 281° 06' 170' +3° 45' +11.1 -4.5 11.6

So. We. Cor. Chicken Shed 329° 11' 71' +8° 55' +11.0 -4.5 11.5

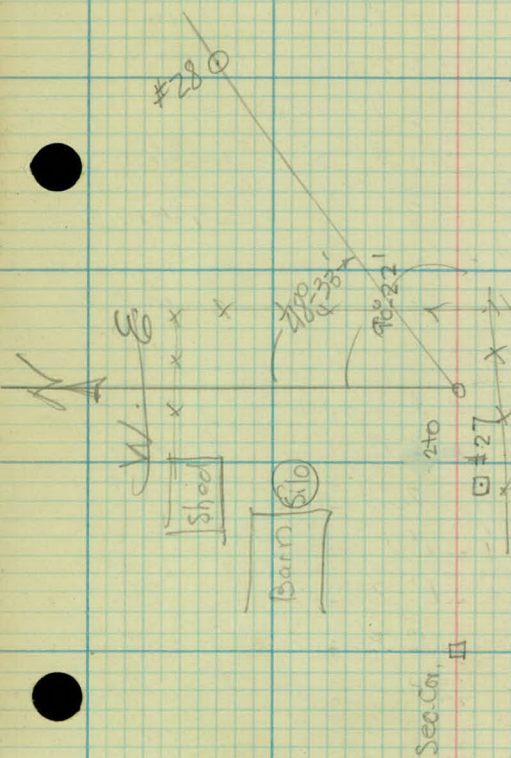
113° 20' 225' 13.2 91.8

So. Cor. Chicken Coop. ~~2° 57' 18° 55' +1.5~~

94° 45' 215' 7.1 97.9

79° 10' 226' +2° 05' +8.2 -4.5 08.7

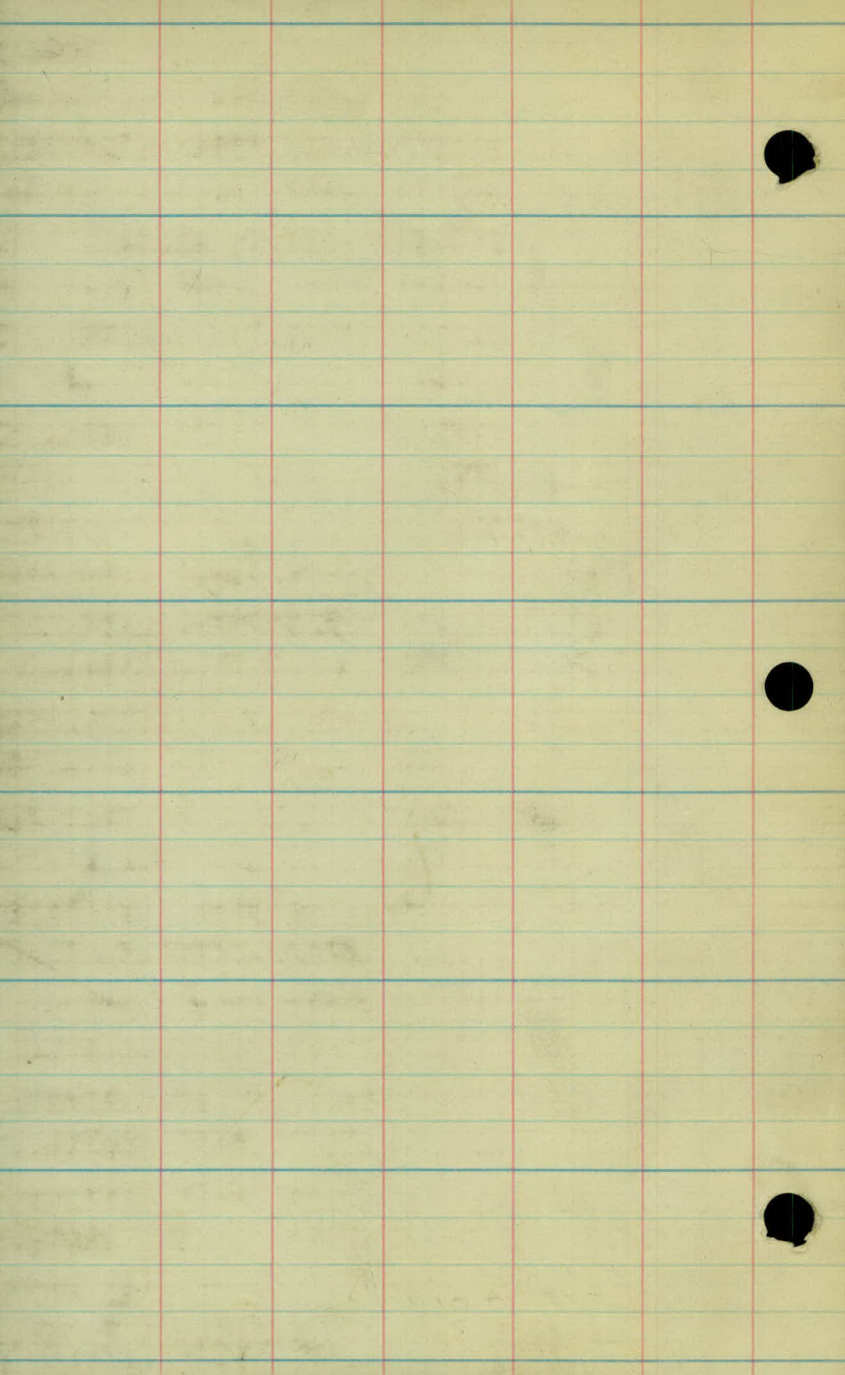
On Steeple 104° 43'



| Sta | N ₃ | Station | Point to A Cor. Dist | Elev |
|----------------|----------------|---------------|----------------------|--------|
| | | H.I. 905.01 | | |
| To D #29 | 78°37' | 228' | | |
| | | | Elev Hub #28 | 900.11 |
| | 12.77 | 912.88 | | |
| | | | 431 | 908.57 |
| At #29 | (4.7 = | <u>913.27</u> | H.I.) | |
| | 108°45' | 92' | 8.8 | 04.5 |
| | 274°38' | 119' | 4.5 | 08.8 |
| | 318°40' | 103' | +5°20' +9.6 -4.3 | 18.6 |
| Lake Bed | 131°20' | 243' | -3°40' -15.5 -4.3 | 93.5 |
| | 72°35' | 93' | 2.0 | 11.3 |
| | 118°30' | 423' | -2°20' -17.2 -4.3 | 91.8 |
| | 88°00' | 234' | 5.7 | 07.6 |
| | 102°32' | 403' | 16.8 | 96.5 |
| To D #30 | 91°12' | 408' | 7.08 | 906.19 |
| At #30 | (4.75 = | <u>910.94</u> | H.I.) | |
| | 57°28' | 72' | 0.0 | 10.9 |
| N.W. Cor. Barn | 14°26' | 55' | +8°00' +7.7 -4.8 | 13.8 |
| | 78°00' | 50' | 3.0 | 07.9 |
| | 107°00' | 137' | 10.8 | 00.1 |
| To #31 D | 108°03' | 323' | 7.05 | 903.89 |
| At #31 | (4.85 = | <u>908.74</u> | H.I.) | |
| Fence Cor | 211°40' | 109' | 16.5 | 92.2 |
| | 59°31' | 129' | +0.1 | 08.8 |
| | 154°50' | 165' | 18.3 | 90.4 |
| | 135°15' | 153' | 11.2 | 97.5 |
| | 133°59' | 349' | 15.5 | 93.2 |

66

(Sta #15 A Lines)



Top Rail Elevations

Line R.R.

From Clark Av. to Little Canada Rd.

Culvert Locations

Levels Little Canada Road,
from Line R.R. to Lake St.

| Sta. | + | π | - | Elev. |
|--------------------------|----------|--------|------|------------------|
| B.M. | 13.33 | 921.55 | | 908.22 |
| T.P. | 6.48 | 927.35 | 0.68 | Top Rail 920.87 |
| - 1427 - | E.C. 14. | | 7.1 | 920.3 = Top Rail |
| 0+0 = ϕ Clark Ave. | | | 6.5 | 920.9 |
| 1+0 | | | 5.8 | 21.6 |
| 2 | | | 5.1 | 22.3 |
| 3 | | | 4.5 | 22.9 |
| 4 | | | 3.8 | 23.6 |
| 5 | | | 3.1 | 24.2 |
| 6 | | | 2.3 | 25.1 |
| 7 | | | 1.6 | 25.7 |
| T.P. | 7.69 | 933.41 | 1.63 | 925.72 |
| 8 | | | 7.0 | 26.4 |
| 9 | | | 6.1 | 27.3 |
| 10 | | | 5.3 | 28.1 |
| 11 | | | 4.7 | 28.7 |
| 12 | | | 4.3 | 29.1 |
| 13 | | | 4.0 | 29.4 |
| + 16 - ϕ Co. Rd "C" | | | | |
| 14 | | | 3.7 | 29.7 |
| 15 | | | 3.8 | 29.6 |
| T.P. | 3.59 | 933.17 | 3.83 | 929.58 |
| 16 | | | 3.9 | 29.3 |
| 17 | | | 4.1 | 29.1 |
| 18 | | | 4.2 | 29.0 |
| 19 | | | 4.2 | 29.0 |
| + 54 ϕ Farm Xing | | | | |

Top Ref. Hub Lt. Sta. 0400

910.40
West.

16.95
Fl. Line Culv.

W.H.C.

H.A.W.

K.A.

L.B.H.

9/14/35

909.85
East

17.5 = Fl. Line, Oval Conc.
Culv. 24"

| Sta. | + | Σ | - | Elev |
|-------------------------|-----------------------|----------|------|--------|
| | | 933.17 | | |
| 20 | | | 4.6 | 28.6 |
| +83 - Beg. Curve Left | | | | |
| 21 | | | 4.8 | 28.4 |
| 22 | | | 5.1 | 28.1 |
| +36 18" C. 1 Pipe | | | | |
| 23 | | | 5.3 | 27.9 |
| 24 | | | 5.3 | 27.9 |
| T.P. | 2.45 | 930.30 | 5.72 | 927.85 |
| 25 | | | 2.5 | 27.8 |
| 26 | | | 2.8 | 27.5 |
| 27 | | | 3.1 | 27.2 |
| 28 | | | 3.4 | 26.9 |
| 29 | | | 3.6 | 26.7 |
| 30+13 | = E Little Canada Rd. | | 3.65 | 926.65 |
| E. on Little Canada Rd. | | | | |
| cto = E | Line R.R. | | 3.65 | 926.65 |
| 1 | | | 6.2 | 24.1 |
| 2 | | | 7.3 | 23.0 |
| 3 | | | 7.9 | 22.4 |
| T.P. | 4.61 | 927.05 | 7.86 | 922.44 |
| 4 | | | 4.8 | 22.3 |
| +11.5 - App. Sec. Line | | | | |
| 5 | | | 4.8 | 22.3 |
| 6 | | | 4.7 | 22.4 |
| 7 | | | 5.0 | 22.1 |

(Elev. on Low Rail)

West

$$\text{El. } 909.3 - 73.9 = \text{H. Line}$$

East

$$\text{El. } 911.6 - 21.6 = \text{H. Line Culv.}$$

| Sta. | + | π | - | Elev. |
|------|---|-------|---|-------|
|------|---|-------|---|-------|

927.05

| | | | | |
|----|--|--|-----|-------|
| 8 | | | 5.4 | 921.7 |
| 9 | | | 5.6 | 21.5 |
| 10 | | | 6.0 | 21.1 |
| 11 | | | 6.1 | 21.0 |

+80 - E Lake Av.

| | | | | |
|------|--|--|------|--------|
| B.M. | | | 8.04 | 919.01 |
|------|--|--|------|--------|

Nail in Arc. Light Pole Little Conacla Road & Lake St.

