

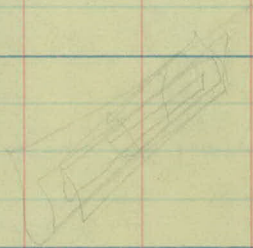
Book # 19-Dr 8

X

R.C. REC. GROUNDS

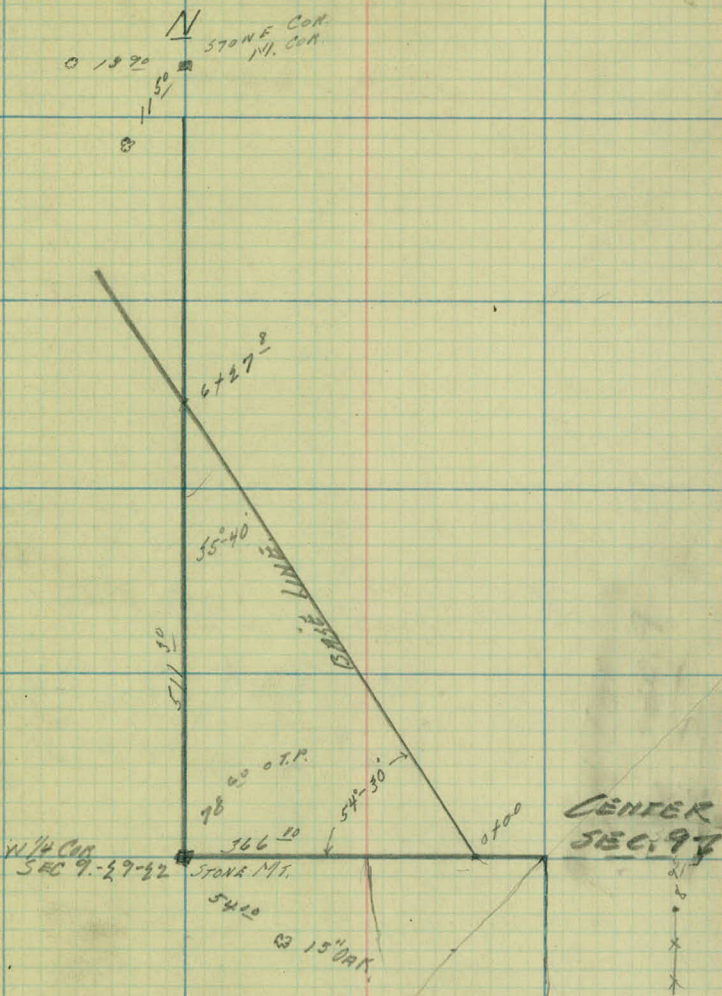
9-22-30

RAMSEY COUNTY RECRE. CO.
SOUTH EAST COR GERVASIS LAKE.
BASE LINE.

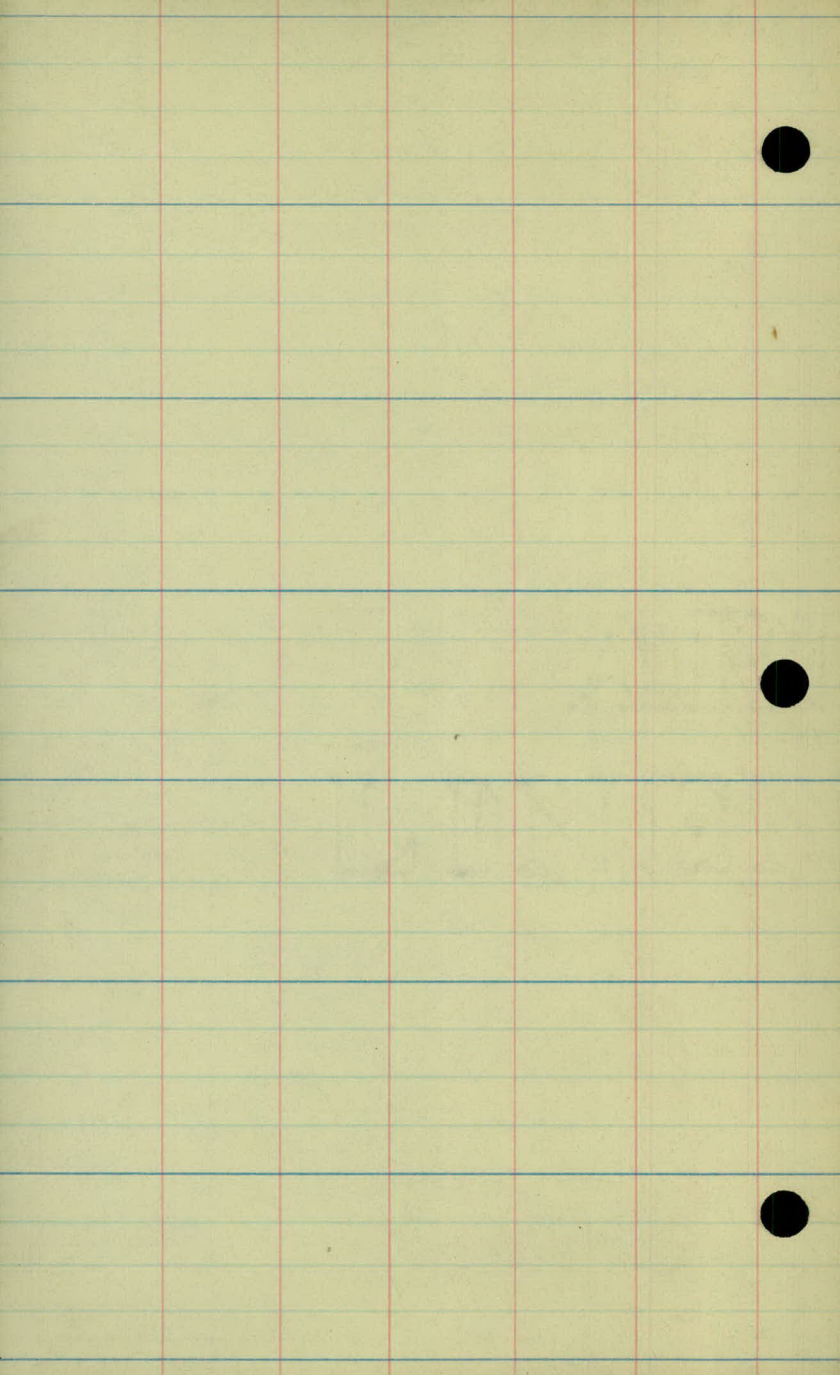


74

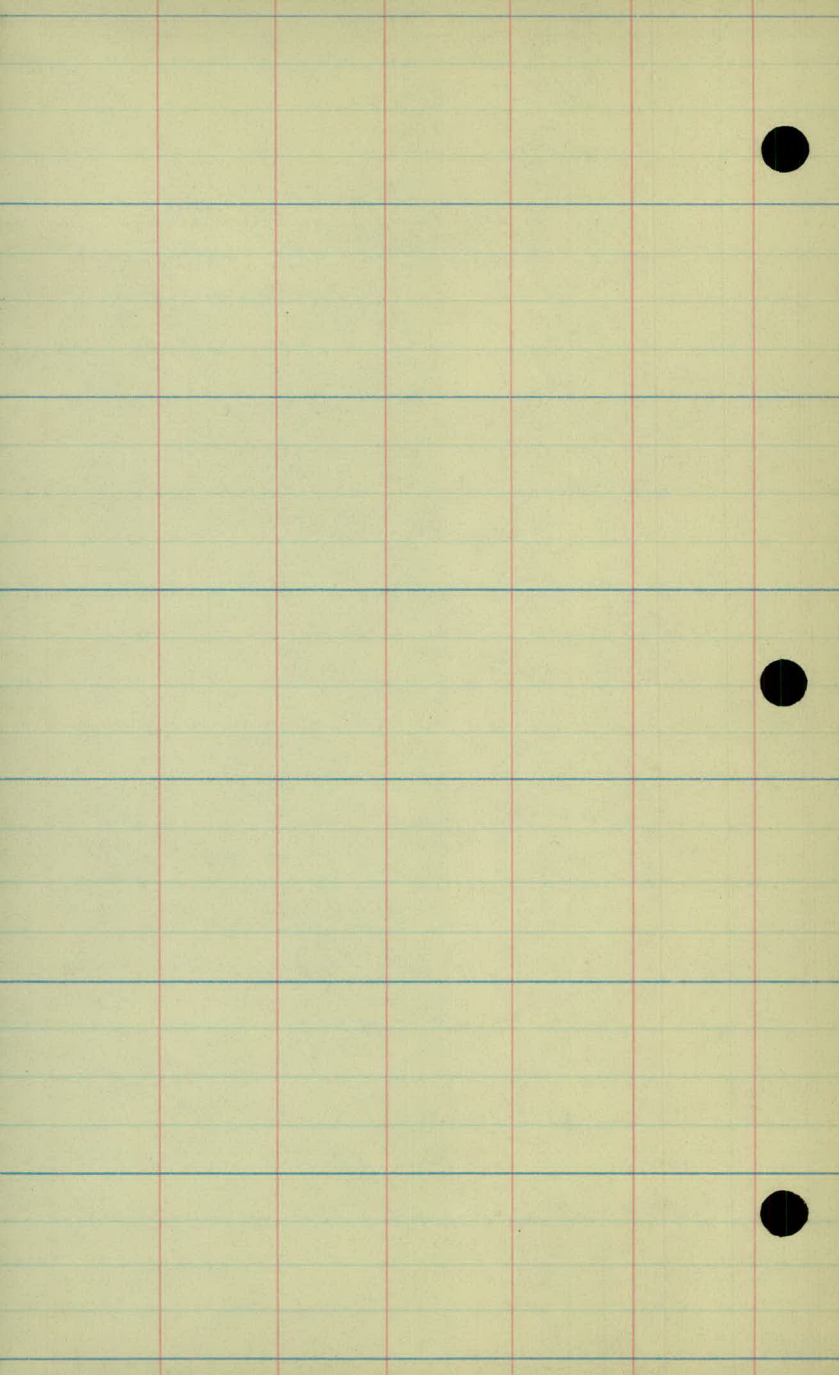
△ AXX

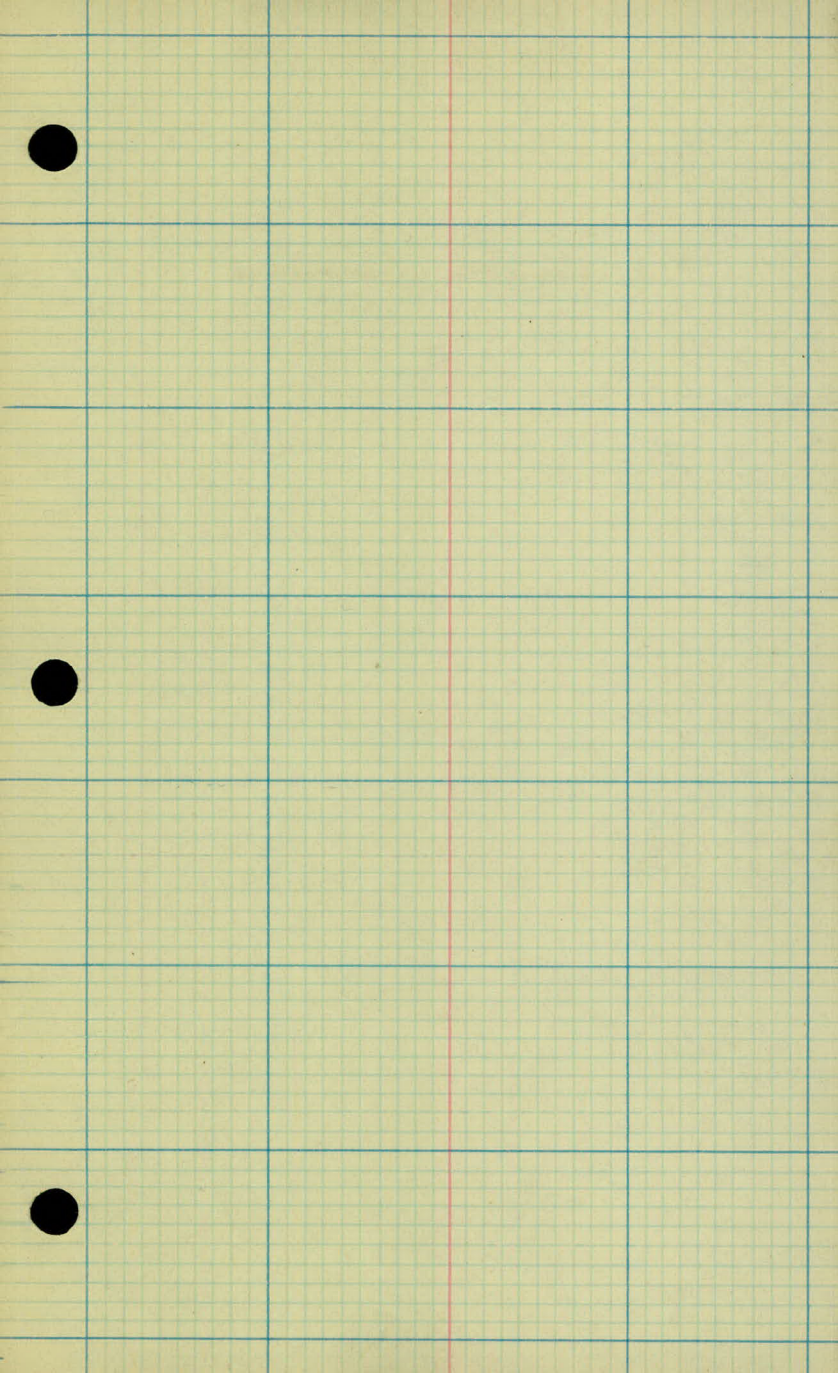


160.5 x 1
250.8
511.8



ART TOPOG ON THE RIGHT.





6

5190-12" Pop. 147 R.

5184 12" WILLOW 144 R.

5173-3" WILLOW 150 R.

5162 12" WILLOW 158 R.

5142 12" P. 152 R.

5

5108 P.P. 110 R.

4177 T.P. 125 R.

4141 T.P. 98 R.

4148 P.P. 57 R.

4

3168 P.P. 56 R.

3

2173-12" Pop. 100 R.

2154 TWIN Pop 97 R.

2134 P.P. 116 R.

2130 X P.W. IN 103 R.

12" x 48" C.M.

2

4 WIDE x 5 HIGH x 1 THICK HEAD WALLS

1195-10" Pop 86 R.

1170-14" Pop 67 R.

1147 12" Pop 62 R.

1146 12" Pop 60 R.

1120 T.M.E. Pop 65 R.

1

1112 P.P. 85 R.

0186 TWIN Pop. 42 R.

0100

1-30-29



11+00

10+83 P.P. 329' R. ✓

10+57 Guy Pole 314' R. ✓

10+00

10+00 P.P. 271' R. ✓

9+91 -14" Pop 254' R. ✓

9+00

9+04 P.P. 253' R. ✓

8+79 -8" Pop. 231' R. ✓

8+34 -12" Pop 178' R. ✓

8+00

8+14 12" Pop 194' R. ✓

7+94 Pop. 227' R. ✓

7+80 -14" Pop 185' R. ✓

7+70 -20" Pop 202' R. ✓

7+43 -16" Pop 194' R. ✓

7+33 -14" Pop 166' R. ✓

7+24 -16" Pop 189' R. ✓

7+00

7+11 -12" Pop 169' R. ✓

6+92 -12" Willow 154' R. ✓

6+66 -14" Pop 165' R. ✓

6+53 -12" Pop 187' R. ✓

6+43 -14" Pop 160' R. ✓

6+43 -12" Pop 158' R. ✓

6+26 -10" Willow 153' R. ✓

6+17 -10" Willow 147' R. ✓

6+00

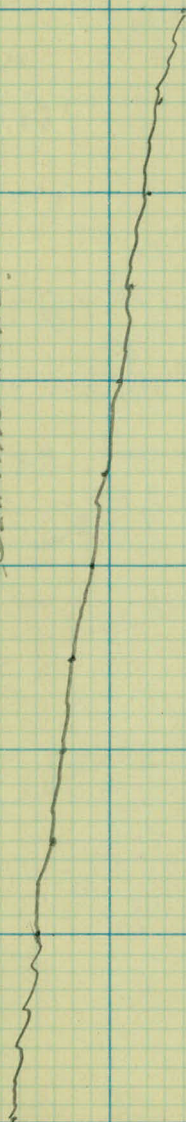
6+14 -8" Willow 159' R. ✓

5+00

1-30-30

BASE LINE

CERVAIN LANE



17

16+00 F. 683 R.

15+50 F. 646 R.

15+83 BEG. OF F. 584 R.

15

14+74 F. COR 606 R.

14+92 P.R. 620 R.

14

14+17 P.R. 563 R.

13+27 P.R. 505 R.

13

12+45 - P.R. 495 R.

12

12+05 - 14" POP 352 R. ✓

11+63 - 10" POP 342 R. ✓

11+56 - 8" POP 331 R. ✓

11+50 - 10" POP 328 R. ✓

11+40 - 12" POP 329 R. ✓

11+29 - 12" POP 308 R. ✓

11+17 - 12" POP 310 R. ✓

11+08 - 14" POP 314 R. ✓

11+95 - 14" POP 341 R. ✓

11+75 - 10" POP 337 R. ✓

11+63 - 10" POP 331 R. ✓

11+65 P.R. 389 R. ✓

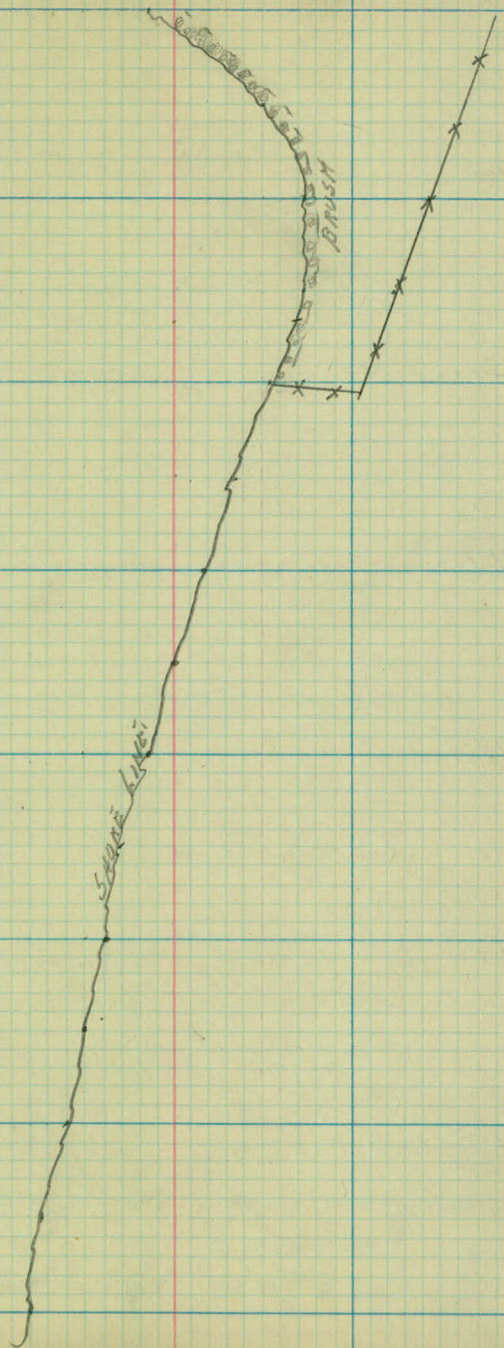
11

10

BASE LINE

SHORE LINE

BRUSH



21

20

19

18

17/50 F 471 R.

17

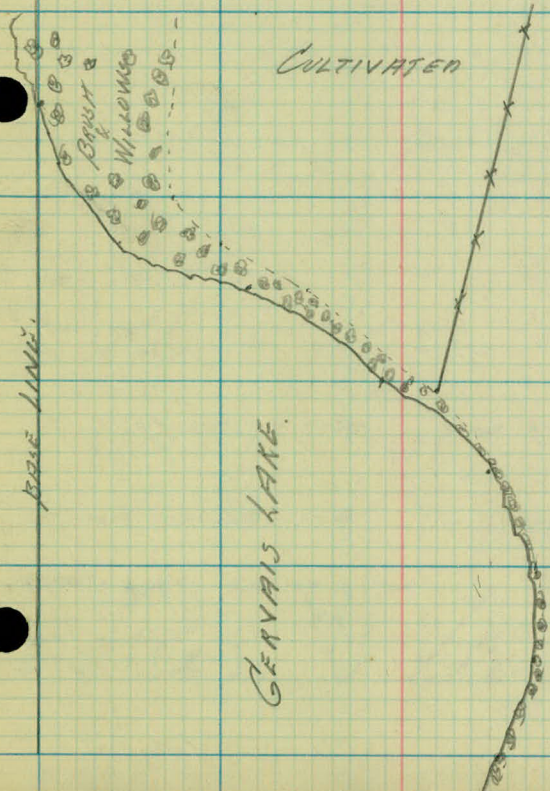
16/96 REG. F. 440 R.

14

13

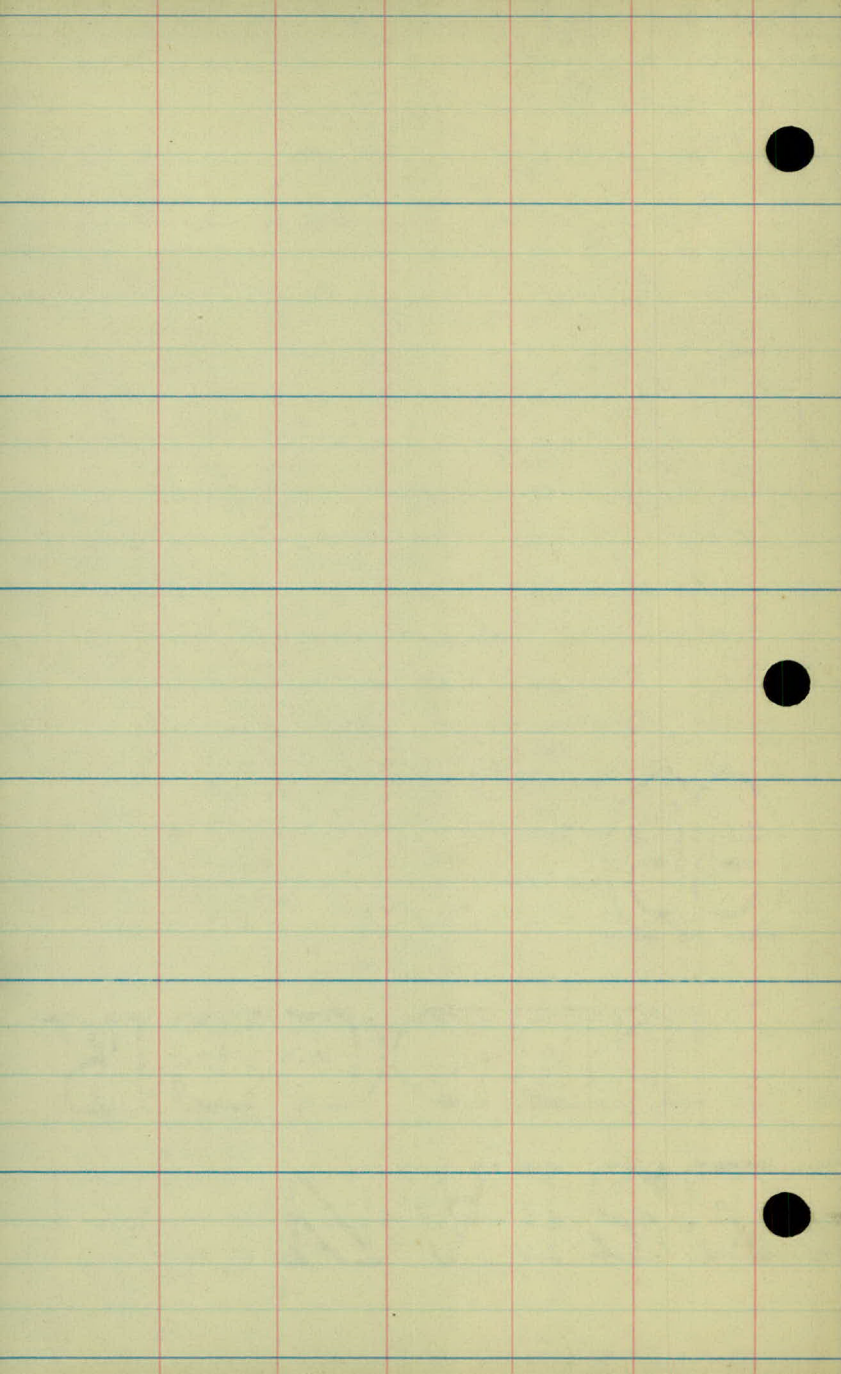
1-30-50

2



GERVAIS LAKE

CULTIVATED



ART. TOPOG ON THE LEFT.

5

5400 BRUSH LINE 180 L ✓

4430 BRUSH LINE 160 L. ✓

4400 BRUSH LINE 177 L. ✓
4400 BRUSH LINE 63 L. ✓

4

3490 P.P. 50 L.
3462 T.P. 59 L.
3450 BRUSH LINE 136 L. ✓

3439 P.P. 139 L.
3400 BRUSH LINE 300 L.

3

3426 P.P. 30 L.

3458 P. TRAIL

2487 P.P. 137 L.

2480 T.P. 157 L.

2480 P.P. 229 L.

2

2423 P.P. 236 L.

2416 T.P. 217 L.

2400 P. TRAIL 111 L.

1

1400 P. TRAIL 170 L.

0450 P. TRAIL 200 L.

0

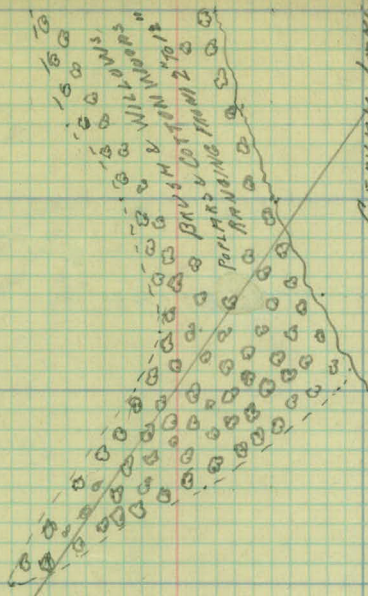
1-30-30

CULTIVATED

CERVAS LANE

BASE LINE

SEC LINE



10+50 F 258 L.

10 10+00 F 272 L.

9+77 F. COR. 281 L.

7+50 BRUSH LINE 290 L.

9 7+00 BRUSH LINE 290 L.

5+50 BRUSH LINE 285 L.

8 8+00 BRUSH LINE 270 L.

7+50 BRUSH LINE 273

7 7+00 BRUSH LINE 266 L.

0+50 BRUSH LINE 250 L.

6 6+00 BRUSH LINE 230 L.

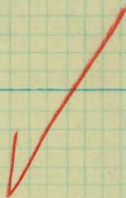
5+50 BRUSH LINE 210 L.

5

1-30-30

HAY FIELD

CULTIVATED



BRUSH & COTTONWOOD TREES
PINES, WILLOWS & BANDING FROM 2"-12" IN SIZE

CAVALLI LAKE

BASE LINE

40

15

14

13

12

12700 F. 225' L.

11475 BRUSH LINE 100' L.

11450 F. 235' L.

11

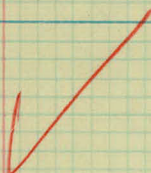
11700 F. 247' L.

10

1-30-30

1-30-30

2

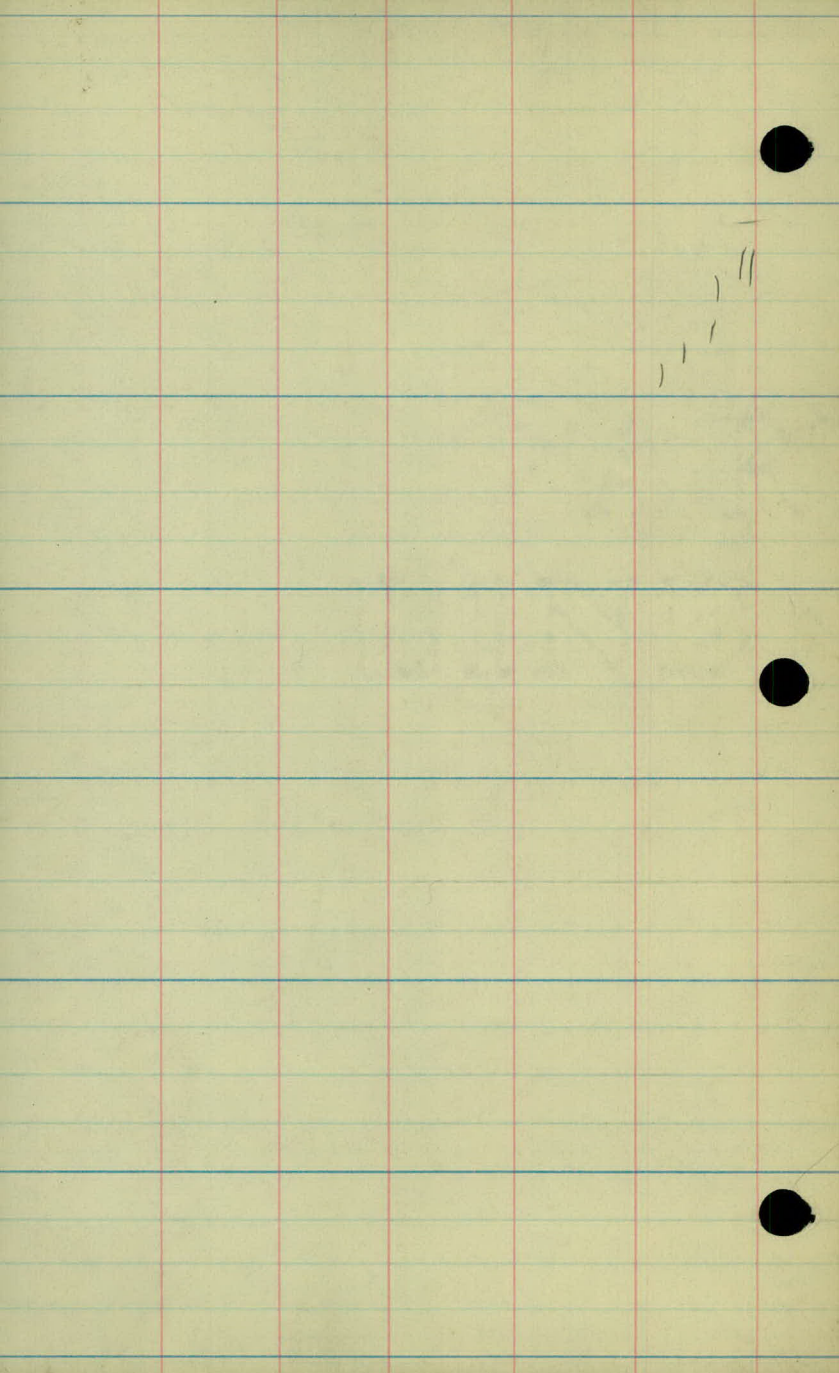


GERVAIS LAKE

HAY FIELD



Base line



LOCATION OF BRIDGE.

140°

1+56 END C. NAIL 55¹/₂ L.

1+25 C. NAIL 35⁵/₂ L.

0+50

0+94 C. NAIL 23⁵/₂ L.

0+70 C. NAIL 18¹/₂ L.

0+52 C. NAIL 15⁵/₂ L.

0+99 END C. NAIL 40

0+74 C. NAIL 17¹/₂ R.

0+48 S. NAIL 15¹/₂ R.

0+00

0-17⁰⁵ REC. OF BRIDGE ON C.

0-28¹/₂ END OF WIND NAIL 25¹/₂ R & 25¹/₂ L.

0-50

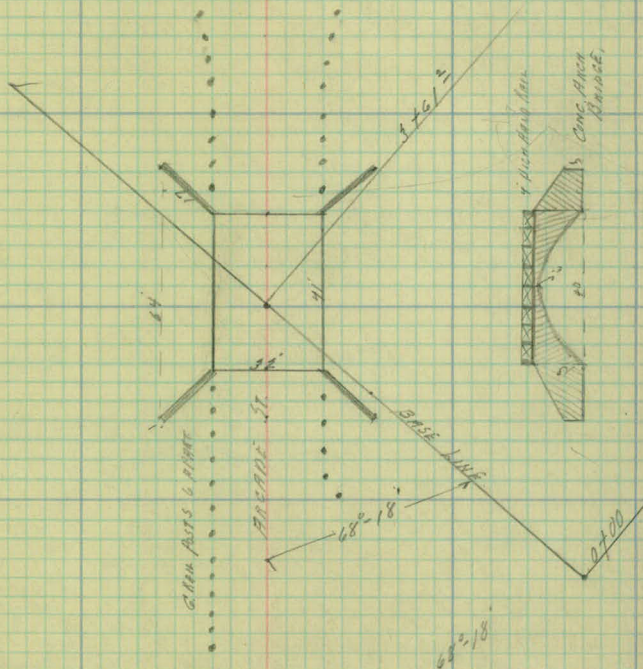
0-44 C. NAIL 16¹/₂ R.

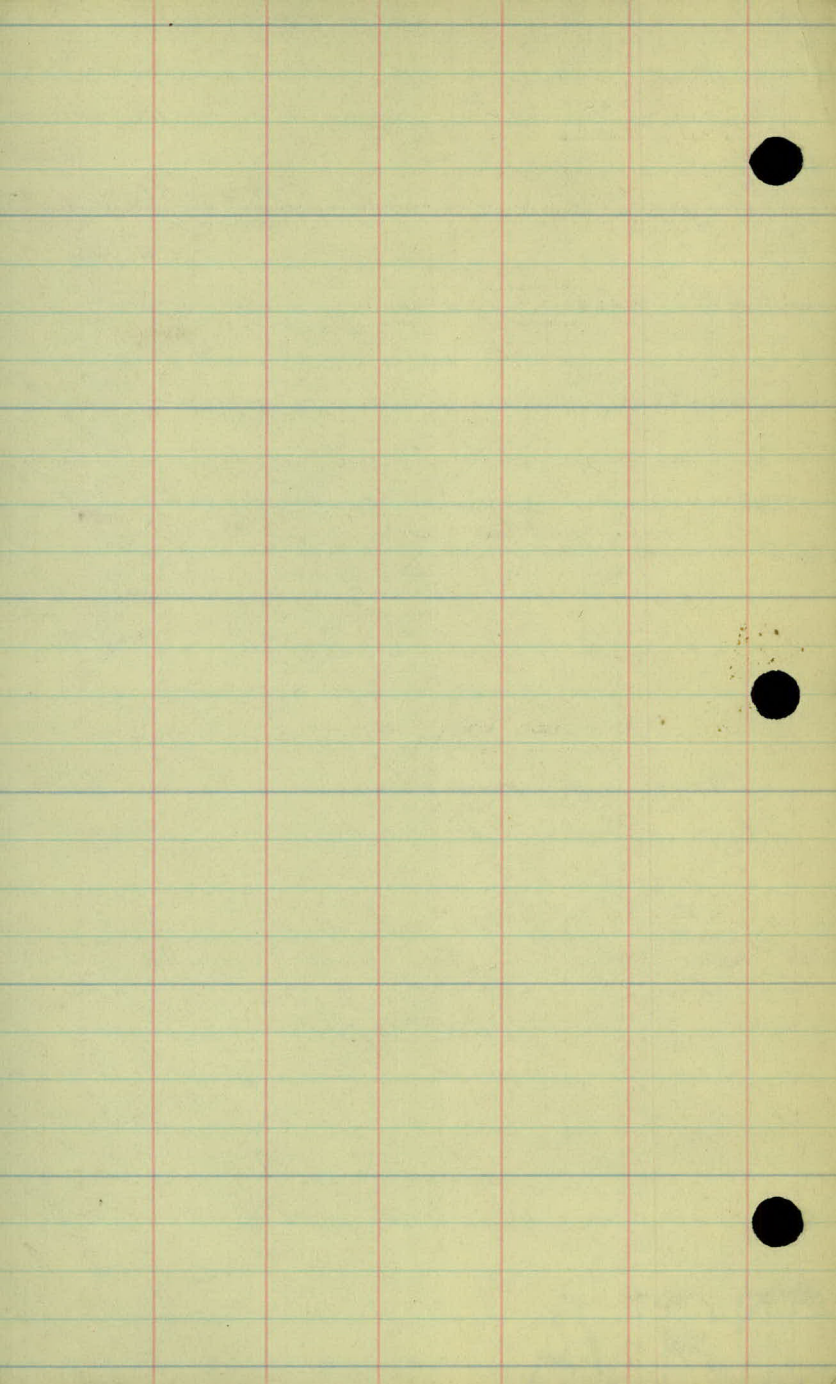
0-49 REC. OF C. NAIL 19¹/₂ R.

0-100

0-72 REC. OF C. NAIL 15¹/₂ L. WITH OUT CABLE

1-30-30





1-27-30
SNOW

RAMSEY COUNTY RECRE. CO.
SOUTH EAST CO. GRAVELS LAKE
X SECTIONS ON THE RIGHT.

B.M.	6.42	872.89		866.47	
B.M.			2.06	870.83	870.71
B.M.	6.61	871.18	2.32	864.57	

0 + 00

0 + 50

1 + 00

1 + 50

2 + 00

2 + 50

3 + 00

3 + 50

2

RIGHT

1-27-30
SNOW

NAIL IN T.P. # 105 ON W. SIDE OF RD. N. OF SPOON:
GERVAIS COND BR.

7 S.L. 7 E. ROAD
58.4 12.1 28 8.4 72 6.4 48 4.4 4.9
12.8 7 14 50 63 77 90 100 114
59.1 61.4 62.8 64.0 64.7 66.4 66.8 66.3

7 S.L. 7 E. ROAD
59.6 58.0 63.3 63.6 62.9 63.4 63.9 64.5 65.7 65.6 66.3 66.2 66.0
13.2 7.7 7.6 2.3 2.8 7.3 6.7 5.5 5.6 4.9 4.5 5.2
13.6 21 36 32 39 50 61 67 75 84 88 98 111

7 S.L. 7 E. ROAD
59.4 13.3 7.6 5.2 4.6 6.3 5.5 6.8 5.0 4.7 5.4
13.8 40 50 60 65 73 78 83 73 104 115
57.9 63.6 66.0 66.6 64.7 65.7 64.4 66.2 66.5 65.8

7 S.L. 7 E. ROAD
59.4 13.4 10.7 6.4 5.0 6.6 5.5 5.1 5.8
13.8 58 61 75 84 90 100 111 124
57.8 60.5 64.8 66.2 64.6 65.7 66.1 65.4

BASE LINE

7 S.L. 7 E. ROAD
59.4 13.2 11.0 6.6 4.5 5.6 5.5 6.0
13.5 35 70 100 109 113 126 137
58.0 60.2 64.6 66.7 65.6 65.7 65.2

7 S.L. 7 E. ROAD
59.8 13.4 13.0 12.2 7.8 6.0 7.0 6.1 5.8 5.9
13.4 50 86 90 100 110 118 124 137 148
57.8 58.2 59.0 63.4 65.2 64.2 65.1 65.4 65.3

7 S.L. 7 E. ROAD
57.6 13.6 13.1 10.3 7.4 6.2 7.4 8.4 6.0 5.4 5.6
13.6 53 67 84 93 100 113 130 140 154
58.1 60.9 63.8 65.0 63.8 62.8 65.2 65.8 65.6

7 S.L. 7 E. ROAD
59.8 13.1 10.3 4.5 8.4 8.2 5.5 4.4 4.3 4.5 4.7
13.4 26 36 38 50 71 100 117 127 135 150
58.1 61.0 66.7 62.8 63.0 65.7 66.8 66.9 66.9 66.5

871.18

4+00

4.99 869.56 6.61 864.57

4+00

4+50

5+00

5+50

6+00

6+50

7+00

7+50

Q

RIGHT.

1.9	2.4	2.7	3.8	4.4
50	77	100	136	153
69.3	68.8	68.5	67.4	66.8

57.4	11.8	7.8	5.0	3.3
12.2	7	2.3	3.5	4.4
	57.8	61.8	64.6	66.3

57.4	11.1	10.7	8.5	7.3	7.0	6.3	6.8	6.5	3.3	3.1	3.0	3.5
12.2	46	50	60	67	83	93	100	107	111	127	135	156
	58.5	58.7	61.1	62.3	62.6	63.3	62.8	63.1	66.3	66.5	66.6	66.1

57.4	11.7	10.9	8.1	6.0	6.4	4.9	4.7	5.6
12.2	86	74	100	118	136	138	153	167
	57.9	58.7	61.5	63.6	63.2	64.7	64.9	64.0

57.4	11.8	11.6	8.8	7.8	8.0	6.5	6.1	6.6
12.2	100	110	122	136	150	157	172	183
	57.8	58.0	60.8	61.8	61.6	63.1	62.5	63.0

57.4	11.7	11.5	10.7	9.1	7.3	7.3	7.1	6.8	9.1
12.2	100	123	131	136	150	159	172	184	197
	57.7	58.1	58.9	60.5	60.3	60.3	62.5	62.8	62.5

57.4	11.5	11.1	9.7	9.9	7.3	6.9	6.5
12.2	141	145	150	171	189	101	215
	58.1	58.5	59.9	59.7	62.3	62.7	63.1

57.5	11.5	10.6	9.1	6.6	7.3	6.8	7.7	6.9	6.2	6.6
12.1	153	157	161	174	183	195	200	214	217	232
	58.1	59.0	60.5	63.0	62.3	62.8	61.9	62.7	63.4	63.0

57.5	11.8	11.3	10.7	7.4	7.4	6.3	5.7	6.1	7.0	6.1	5.4	6.0
12.1	150	162	169	176	180	190	200	211	215	221	223	247
	57.8	58.3	58.9	62.2	62.2	63.4	63.9	63.5	62.6	63.5	64.2	63.6

869.56

8+00

6.28 869.67 6.17 863.39

8+50

9+00

9+50

10+00

10+50

11+00

11+50

12+00

RIGHT.

$\nearrow$ S.L. $\nearrow$ E. ROAD
57.6 11.4 10.8 83 76 61 64 55 72 58 5.3 6.0
 120 178 182 183 192 200 205 222 230 236 248 262
 58.2 58.8 61.3 62.0 63.5 63.2 64.1 62.4 63.8 64.3 63.6
 NAIL IN T.F. # 498

$\nearrow$ S.L. $\nearrow$ E. ROAD
57.5 11.4 11.0 78 68 60 58 69 5.8 5.3 6.0
 122 192 196 200 215 226 230 243 250 263 277
 58.3 58.7 61.9 62.9 63.7 63.9 62.8 63.9 64.4 63.7

$\nearrow$ S.L. $\nearrow$ E. ROAD
57.5 11.7 11.3 70 53 54 62 5.3 5.0 5.9
 122 208 213 218 232 250 259 266 278 293
 58.0 58.4 62.7 64.4 64.3 63.1 64.2 64.7 63.8

$\nearrow$ S.L. $\nearrow$ E. ROAD
57.5 11.7 11.0 71 60 57 66 5.3 5.0 5.6
 122 220 227 232 250 265 273 281 296 309
 58.0 58.7 62.6 63.7 64.0 63.1 64.4 64.7 64.1

$\nearrow$ S.L. $\nearrow$ E. ROAD
57.5 11.5 11.2 75 67 55 88 5.3 4.8 5.3
 122 241 246 250 263 265 285 297 313 327
 58.2 58.5 62.2 63.0 64.2 60.9 64.4 64.9 64.5

$\nearrow$ S.L. $\nearrow$ E. ROAD
57.5 11.7 10.7 76 5.3 5.5 7.6 5.1 4.8 5.1
 122 256 264 267 282 300 305 322 337 350
 58.0 58.8 62.1 64.4 61.2 61.1 64.6 64.9 64.6

$\nearrow$ S.L. $\nearrow$ E. ROAD
57.4 11.4 73 56 4.8 74 9.3 8.6 4.9 4.6 4.9
 123 279 283 300 307 318 327 338 356 366 379
 58.3 62.4 64.1 62.0 62.3 60.4 61.1 64.8 65.1 64.8

$\nearrow$ S.L. $\nearrow$ E. ROAD
57.4 11.5 11.2 76 5.8 4.5 4.3 5.5 6.0 7.0 8.8 8.3 4.9 4.4 4.8
 123 304 307 310 316 328 337 345 350 354 362 370 381 395 410
 58.2 58.5 62.1 63.9 65.2 65.4 64.2 63.7 62.7 60.9 61.4 64.8 65.3 64.9

$\nearrow$ S.L. $\nearrow$ E. ROAD
57.4 11.5 10.7 6.0 4.7 6.1 5.2 6.1 5.8 4.5 4.1 4.4
 123 323 330 337 344 350 361 375 400 419 438 452
 58.2 59.0 62.7 62.0 63.6 64.5 63.6 63.7 65.2 65.6 65.3

869.67 ✓

12+50

13+00

3.85 871.08 ✓ 2.44 ✓ 867.23

13+50

14+00

14+50

15+00

15+50

16+00

16+50

POINT

57.4 ^{7 S.L.} 11.4 10.6 7.2 6.5 5.4 4.8 4.1 3.7 4.0
 12.3 58.8 54.6 55.0 57.7 400 450 454 473 488
 58.3 58.1 60.5 63.2 64.3 64.9 65.6 66.0 65.7

2 ROAD.

57.4 ^{7 S.L.} 11.5 10.4 7.2 8.3 6.6 5.4 5.7 4.9 4.9 3.6 5.5 5.6
 12.3 56.5 57.4 57.5 58.8 400 448 448 450 482 491 510 523
 58.4 58.3 60.5 61.4 63.1 64.3 65.8 64.8 64.8 66.1 66.4 66.1

2 ROAD

NOTE IN T.P. # 504

57.5 ^{7 S.L.} 13.0 12.1 11.2 10.3 8.1 7.5 6.5 6.0 5.5 4.8 4.4 4.9
 13.6 400 411 420 431 438 450 481 500 519 527 542 557
 58.1 58.9 58.9 60.8 63.0 63.6 64.6 65.1 65.6 66.3 66.7 66.2

2 ROAD

57.5 ^{7 S.L.} 13.0 12.1 10.7 9.6 8.7 7.5 5.8 5.0 5.2 4.6 4.4 5.1
 13.6 485 450 466 472 485 500 525 550 555 564 579 596
 58.1 59.0 60.4 61.5 62.4 63.6 65.3 66.1 65.9 66.5 66.7 66.0

2 ROAD

57.9 ^{7 S.L.} 12.8 11.7 10.2 9.7 7.4 6.1 5.8 5.0 4.8 5.0
 13.2 475 482 485 500 525 550 577 600 615 621
 58.3 58.4 60.9 61.4 63.7 65.0 65.3 66.1 66.3 66.1

2 ROAD

57.5 ^{7 S.L.} 13.0 11.7 10.4 8.2 6.6 6.7 5.9 5.3 5.0 5.8
 13.6 510 523 537 550 572 600 628 637 650 668
 58.1 59.4 60.7 62.9 64.5 64.2 65.2 65.8 66.1 65.3

2 ROAD

57.5 ^{7 S.L.} 13.0 12.1 10.5 10.1 9.2 7.6 8.1 6.5 6.0 7.5 5.8 5.6 6.1
 13.6 545 550 559 565 577 580 600 646 662 666 671 686 700
 58.1 58.9 60.5 61.0 61.9 63.5 63.0 64.6 65.1 63.6 65.3 65.5 65.0

2 ROAD

57.2 ^{7 S.L.} 13.2 13.0 9.1 7.7 8.4 7.6 7.4 8.5 7.6 8.5 6.3 6.3 6.5
 13.6 550 553 558 580 600 650 677 690 696 704 708 712 736
 57.9 58.1 62.0 63.2 62.7 63.5 63.7 62.6 63.5 62.6 64.8 64.8 64.6

2 ROAD

58.5 ^{7 S.L.} 13.2 12.6 8.8 7.7 7.7 8.2 8.1 7.6
 13.6 497 507 510 530 550 588 600 650
 57.9 58.5 62.3 63.2 63.4 62.9 63.0 63.5

871.08 ✓

17+00

5.14 866.85 7.37 863.69 ✓

17+50

17+75 AT BOTTOM OF PAGE

18+00

18+50

4.07 868.12 2.80 864.05 ✓

18+00

18+50

18+60

3.99 868.02 4.09 864.03 ✓

18+76

3.27 867.30 3.99 864.03 ✓

17+75

3.89 867.92 3.27 864.03 ✓

7.84 867.34 10.40 857.54 ✓

B.M.

3.42 863.94 ✓

2

RIGHT.

45.6.
57.4 12.0 12.3 12.0 5.7 8.3 8.8 8.2 8.1
13.7 57.4 59.5 40.1 42.2 45.0 50.0 55.0 60.0
 58.1 58.8 61.1 62.4 62.8 62.3 62.5 63.0

ON POST

75.6.
9.0 8.7 5.6 5.0 4.7 4.2 4.8 5.0 4.8
12.5 24.8 15.5 27.2 27.9 30.0 35.0 40.0 45.0
 57.8 58.1 61.2 61.8 62.1 62.6 62.0 61.8 62.0

3.8 4.7 5.0 5.2 4.7 4.8
1.00 2.00 2.50 3.00 3.5 4.00
 63.0 62.1 61.8 61.6 62.1 62.0

4.5 4.8 4.8
1.00 1.50 2.00
 62.3 62.0 62.0

43.6.
57.4 10.1 9.0 7.4 5.1
10.7 5.5 6.4 7.0 8.1
 58.0 58.1 60.7 63.0

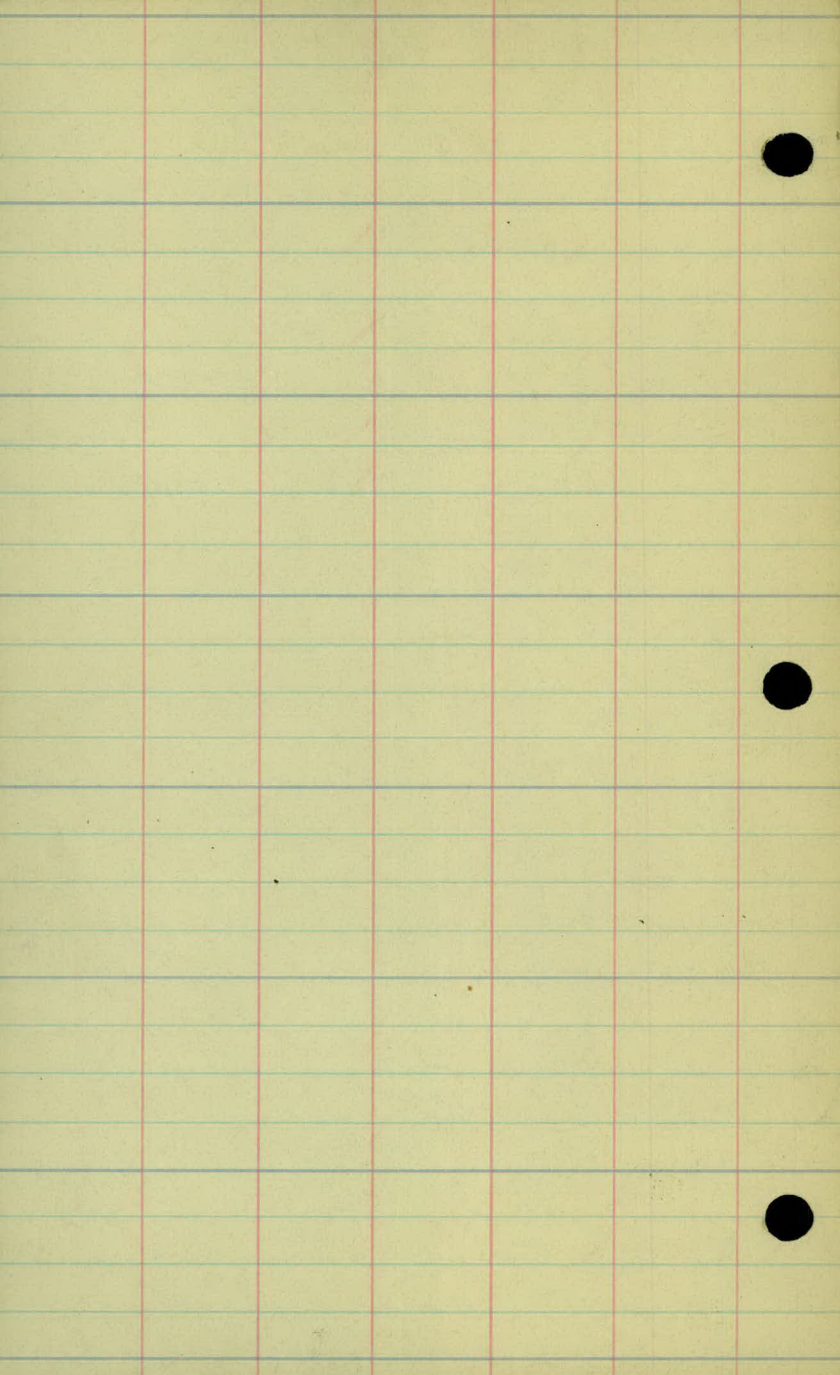
45.6.
58.1 2.7 2.8 5.2 5.2
10.0 6 11 34 5.0
 58.4 58.3 62.9 62.9

87.
10.4 10.8 2.7 2 6.0 4.9 4.7 5.0
2.0 8 4 8.6 8 15 20 5.0
 57.7 57.9 58.2 57.5 62.1 63.2 63.1 63.1

ON ROCK.

10.2 7.8 8.5 4.9 4.3 4.2
4.0 8 2 6.5 7 20 5.0
 57.8 58.2 58.5 61.5 63.1 63.7 63.8

70.6.
57.4 2.5 8.8 2.8 5.2 4.9 6.0 5.9 4.8 4.8 5.1 5.3 5.2 5.4
9.9 8.9 9.1 9.8 10.9 12.5 15.0 17.1 18.7 20.0 25.0 30.0 35.0 40.0
 58.0 58.5 59.5 62.1 62.4 61.3 61.4 62.5 62.5 62.2 62.0 62.1 61.9



X SECTIONS ON THE LEFT.

13. M. 3.75 870.22 ✓ 866.47
0+00

0+50

1+00

3.75 870.22 ✓ 3.75 866.47 ✓

1+50

2+00

2+50

3+00

3+50

8.44 877.24 ✓ 1.42 868.60 ✓

4+00

4+50

LEFT

NAIL IN T.P. #105.

$\begin{array}{r} 8.5 \quad 20 \quad 91 \quad 11.5 \quad 12.4 \quad 13.8 \\ 300 \quad 150 \quad 141 \quad 137 \quad 152 \quad 100 \\ 61.9 \quad 61.2 \quad 61.1 \quad 58.9 \quad 57.8 \quad 57.4 \end{array}$

$\begin{array}{r} 8.0 \quad 9.1 \quad 8.8 \quad 11.5 \quad 12.3 \quad 12.6 \\ 100 \quad 150 \quad 116 \quad 110 \quad 106 \quad 100 \\ 62.2 \quad 61.1 \quad 61.4 \quad 58.7 \quad 57.9 \quad 57.6 \end{array}$

$\begin{array}{r} 6.2 \quad 7.6 \quad 9.1 \quad 8.6 \quad 8.6 \quad 8.8 \quad 12.3 \quad 12.4 \\ 150 \quad 100 \quad 150 \quad 109 \quad 100 \quad 92 \quad 82 \quad 79 \\ 64.0 \quad 62.6 \quad 61.1 \quad 61.6 \quad 61.6 \quad 61.4 \quad 57.9 \quad 57.8 \end{array}$

$\begin{array}{r} 37 \quad 50 \quad 8.7 \quad 80 \quad 84 \quad 8.9 \quad 101 \quad 12.2 \\ 172 \quad 150 \quad 400 \quad 150 \quad 100 \quad 67 \quad 60 \quad 56 \\ 66.5 \quad 65.2 \quad 61.3 \quad 62.2 \quad 61.8 \quad 61.3 \quad 60.1 \quad 58.0 \end{array}$

$\begin{array}{r} 0.6 \quad 4.4 \quad 6.1 \quad 7.6 \quad 7.7 \quad 8.3 \quad 9.0 \quad 12.4 \\ 232 \quad 100 \quad 166 \quad 182 \quad 100 \quad 50 \quad 41 \quad 34 \\ 69.6 \quad 65.8 \quad 64.0 \quad 62.6 \quad 62.5 \quad 61.9 \quad 61.2 \quad 57.8 \end{array}$

$\begin{array}{r} 2.0 \quad 3.8 \quad 4.7 \quad 5.1 \quad 4.7 \quad 6.5 \quad 7.1 \quad 7.7 \quad 8.0 \quad 8.8 \quad 12.3 \\ 132 \quad 116 \quad 100 \quad 78 \quad 77 \quad 69 \quad 4 \quad 50 \quad 34 \quad 17 \quad 10 \\ 68.2 \quad 66.4 \quad 65.5 \quad 65.1 \quad 65.5 \quad 63.7 \quad 63.1 \quad 62.3 \quad 62.2 \quad 61.4 \quad 57.9 \end{array}$

$\begin{array}{r} 27 \quad 24 \quad 8.5 \quad 12.1 \quad 12.2 \\ 50 \quad 30 \quad 18 \quad 8 \quad 58.0 \\ 69.3 \quad 62.8 \quad 61.7 \quad 58.1 \end{array}$

$\begin{array}{r} 2.6 \quad 3.3 \quad 4.0 \\ 534 \quad 513 \quad 300 \\ 74.6 \quad 73.9 \quad 73.2 \end{array}$

$\begin{array}{r} 3.1 \quad 2.7 \quad 3.7 \quad 4.5 \\ 108 \quad 184 \quad 564 \quad 245 \\ 74.1 \quad 74.5 \quad 73.5 \quad 72.7 \end{array}$

877.24 ✓

2+50

3+00

3+50

6.57 870.37 13.24 863.98 ✓

4+00

4+50

5+00

2.05 870.06 2.36 868.01 ✓

5+50

6+00

6+50

LEFT

HOOPS H.I.

+10.4 +10.4 +11.0 42 4.4 4.0 5.1 4.2 5.2 6.9
 305 300 286 265 260 251 238 210 167 150
 97.6 97.6 88.2 73.0 72.8 73.2 74.1 73.0 72.0 70.3

E RAMP

+22.5 +19.3 13.50 5.3 4.5 5.8 4.8 5.8 6.8 7.2 7.6
 375 350 314 300 194 182 150 170 100 87 72 6.7
 99.5 96.5 75.4 72.2 71.9 72.9 73.4 72.4 71.4 70.4 70.0 69.6

E RAMP

+15.7 +14.7 +5.3 4.1 6.4 8.3 7.6 7.9 7.5 5.7 5.4 5.6
 300 350 300 150 138 12.4 120 100 88 73 51 25 5.9
 900.9 91.9 82.5 73.1 70.8 68.9 69.6 68.3 69.7 71.5 71.8 71.6 71.3

E RAMP

FOR OF
BRIDGES

+18.0 +15.0 +5.0 0.8 5.1 7.9 8.4 7.6 7.3 11.5 12.6
 375 350 300 170 150 116 73 80 70 36 47
 88.4 83.4 75.4 69.6 65.3 62.5 62.0 62.8 63.1 59.0 57.8

+12.0 +9.4 +6.8 0.0 4.7 6.0 7.8 8.8 8.4 6.7 5.9 7.9 11.5 12.6
 375 350 332 300 179 167 150 128 120 110 100 90 81 72
 83.4 79.8 77.2 70.4 65.7 64.4 62.6 61.6 62.0 63.7 64.5 62.5 59.1 58.2

+12.3 +4.6 1.9 6.3 6.5 7.9 8.7 9.2 7.0 8.2 11.2 12.5
 300 350 319 300 196 185 150 134 119 108 106 96
 82.7 75.0 68.7 64.2 63.9 62.5 61.7 61.2 63.4 62.2 58.8 57.9

IN SPR 150 H. 57.8 55.50

+12.7 +8.7 +5.7 0.6 6.0 7.7 8.1 8.4 8.1 6.9 7.5 11.1 12.1
 325 300 280 255 225 217 200 180 150 137 126 119 115
 82.8 78.8 75.8 69.5 64.1 62.4 62.0 61.2 62.0 63.2 62.6 59.0 58.0

+11.4 +5.8 +2.8 4.6 7.8 8.7 8.5 9.1 7.5 7.5 8.8 11.0 12.1
 350 313 300 267 250 230 200 179 163 150 140 144 129
 81.5 75.9 65.5 62.3 62.2 61.6 61.0 62.6 62.6 61.3 59.1 58.0
 72.9

+7.8 +4.6 2.7 4.1 6.3 7.4 8.0 8.8 9.5 8.1 7.9 9.4 11.0 12.0
 350 331 300 282 257 250 239 200 187 175 165 155 150 145
 77.9 74.7 67.4 65.8 63.8 62.7 62.1 61.3 60.6 62.0 62.2 60.7 59.1 58.1

870.06 ✓

7700 ✓

1.78 871.31 1.73 868.33 ✓

7750 ✓

1.10 869.43 1.98 868.33 ✓

8700 ✓

1.80 870.13 1.10 868.33 ✓

8750 ✓

1.21 869.54 1.70 868.33 ✓

9700 ✓

0.82 869.15 1.21 868.33 ✓

9750 ✓

0.84 869.17 0.82 868.33 ✓

10700 ✓

5.91 868.53 6.55 862.62 ✓

10750 ✓

5.91 868.59 5.91 862.62 ✓

11700 ✓

6.50 869.12 5.97 862.62 ✓

LEFT

2

$\begin{matrix} +8.9 & +3.9 & +0.7 & 1.9 & 5.0 & 6.8 & 7.4 & 5.3 & 9.6 & 8.4 & 10.9 & 12.0 \\ 175 & 150 & 133 & 100 & 268 & 157 & 150 & 141 & 100 & 185 & 167 & 162 \\ 79.0 & 74.0 & 70.8 & 68.2 & 65.6 & 63.3 & 62.7 & 61.8 & 60.5 & 61.7 & 59.2 & 58.1 \end{matrix}$

ON SPK 500 RT 577.7400

$\begin{matrix} +10.7 & +5.7 & +1.1 & 4.0 & 5.3 & 6.5 & 8.6 & 9.1 & 10.6 & 9.4 & 10.7 & 9.9 & 12.4 & 13.6 \\ 400 & 380 & 350 & 325 & 300 & 280 & 171 & 150 & 109 & 100 & 175 & 187 & 180 & 175 \\ 82.0 & 78.0 & 72.4 & 67.3 & 66.0 & 64.8 & 62.7 & 62.2 & 60.7 & 61.9 & 60.6 & 61.4 & 58.9 & 57.7 \end{matrix}$

$\begin{matrix} +8.2 & +6.8 & +2.8 & 1.8 & 5.2 & 6.4 & 7.3 & 8.1 & 7.2 & 7.5 & 9.8 & 11.4 \\ 400 & 384 & 350 & 323 & 300 & 285 & 150 & 104 & 100 & 170 & 182 & 175 \\ 78.6 & 76.2 & 72.2 & 67.6 & 64.2 & 63.0 & 62.1 & 61.3 & 62.2 & 61.9 & 59.6 & 58.0 \end{matrix}$

$\begin{matrix} +5.5 & +2.1 & 1.9 & 6.0 & 7.5 & 8.3 & 9.7 & 10.3 & 10.7 & 7.5 & 11.5 & 12.3 \\ 400 & 350 & 325 & 300 & 188 & 150 & 110 & 191 & 105 & 177 & 168 & 163 \\ 75.6 & 72.2 & 68.2 & 64.1 & 62.6 & 61.8 & 60.4 & 57.8 & 59.4 & 60.6 & 58.6 & 57.8 \end{matrix}$

$\begin{matrix} +3.6 & +0.6 & 0.6 & 6.0 & 7.0 & 7.6 & 9.2 & 9.6 & 10.0 & 11.0 & 11.7 \\ 400 & 350 & 340 & 300 & 287 & 150 & 100 & 171 & 162 & 150 & 143 \\ 73.1 & 70.1 & 68.9 & 63.6 & 62.5 & 61.9 & 60.3 & 59.9 & 59.5 & 58.5 & 57.8 \end{matrix}$

$\begin{matrix} +4.5 & +1.1 & 0.6 & 2.4 & 5.5 & 5.7 & 7.3 & 9.0 & 9.3 & 8.2 & 7.1 & 9.9 & 10.8 & 11.4 \\ 430 & 400 & 380 & 350 & 300 & 290 & 150 & 100 & 158 & 159 & 150 & 140 & 130 & 119 \\ 73.7 & 70.4 & 68.6 & 64.8 & 63.7 & 63.5 & 61.9 & 60.2 & 59.9 & 60.0 & 60.1 & 59.3 & 58.4 & 57.8 \end{matrix}$

$\begin{matrix} +3.9 & +1.3 & 1.5 & 4.9 & 5.6 & 6.7 & 7.4 & 8.6 & 7.7 & 7.7 & 11.3 \\ 435 & 400 & 350 & 300 & 187 & 172 & 150 & 100 & 150 & 116 & 7.5 \\ 73.1 & 70.5 & 66.7 & 64.3 & 63.6 & 62.5 & 61.8 & 60.6 & 59.3 & 59.3 & 57.9 \end{matrix}$

$\begin{matrix} +3.9 & +0.9 & 0.3 & 1.3 & 1.3 & 1.4 & 5.3 & 6.7 & 6.7 & 7.7 & 8.0 & 7.7 & 7.1 & 8.0 & 7.9 & 9.6 & 10.6 \\ 430 & 400 & 380 & 350 & 323 & 300 & 171 & 150 & 100 & 130 & 121 & 111 & 105 & 100 & 75 & 86 & 76 \\ 72.4 & 69.4 & 68.2 & 66.8 & 66.2 & 66.1 & 63.2 & 61.8 & 61.8 & 60.8 & 60.5 & 60.8 & 61.4 & 60.5 & 60.6 & 58.9 & 57.9 \end{matrix}$

$\begin{matrix} +6.0 & +3.2 & +0.6 & +0.6 & 4.1 & 0.0 & 1.2 & 6.3 & 6.6 & 6.5 & 6.4 & 3.2 & 7.5 & 10.4 \\ 445 & 400 & 375 & 350 & 325 & 300 & 170 & 150 & 100 & 130 & 101 & 88 & 70 & 55 \\ 74.6 & 71.8 & 69.2 & 69.2 & 69.7 & 68.6 & 67.4 & 62.3 & 62.0 & 62.1 & 62.2 & 60.4 & 59.1 & 58.2 \end{matrix}$

✓
869.12

11+50

11+90

12+00

14+50

12+85

5.44

✓
868.06

6.50

✓
862.62

13.14

4.11

✓
863.95

863.74

LEFT.

2.

$\begin{array}{r} +4.2 \quad +2.8 \quad +0.8 \quad 0.2 \quad 0.6 \quad 3.3 \quad 5.1 \quad 6.5 \quad 6.4 \quad 7.2 \quad 6.8 \quad 6.6 \quad 2.1 \quad 1.8 \quad 8.5 \quad 10.7 \\ 450 \quad 400 \quad 364 \quad 350 \quad 340 \quad 300 \quad 295 \quad 250 \quad 225 \quad 200 \quad 150 \quad 75 \quad 50 \quad 26 \quad 50 \quad 55 \\ 73.3 \quad 71.9 \quad 69.9 \quad 68.9 \quad 68.5 \quad 65.8 \quad 64.0 \quad 62.6 \quad 62.7 \quad 61.9 \quad 62.3 \quad 62.5 \quad 67.0 \quad 66.3 \quad 60.6 \quad 58.1 \end{array}$

$\begin{array}{r} 67.7 \quad 67.6 \quad 67.2 \quad 65.5 \quad 63.7 \quad 61.9 \\ 1.4 \quad 1.5 \quad 1.9 \quad 3.6 \quad 5.4 \quad 7.2 \quad 8.1 \quad 8.3 \quad 8.7 \quad 9.1 \quad 9.3 \quad 8.8 \quad 7.5 \quad 7.2 \quad 11.1 \quad 11.0 \\ 369 \quad 350 \quad 339 \quad 327 \quad 300 \quad 250 \quad 225 \quad 200 \quad 150 \quad 125 \quad 100 \quad 75 \quad 70 \quad 74 \quad 62 \quad 45 \\ +2.8 \quad +3.2 \quad +5.6 \quad 61.0 \quad 60.4 \quad 60.4 \quad 60.0 \quad 59.8 \quad 60.3 \quad 61.6 \quad 61.9 \quad 58.0 \quad 58.1 \\ 378 \quad 400 \quad 450 \\ 71.9 \quad 72.3 \quad 74.7 \end{array}$

$\begin{array}{r} +4.5 \quad +2.5 \quad +2.5 \quad 1.9 \quad 2.4 \quad 4.3 \quad 5.7 \quad 6.6 \quad 7.7 \quad 7.0 \quad 9.2 \quad 9.7 \quad 9.2 \quad 10.0 \quad 11.0 \\ 450 \quad 400 \quad 384 \quad 376 \quad 348 \quad 330 \quad 300 \quad 277 \quad 250 \quad 225 \quad 211 \quad 200 \quad 150 \quad 100 \quad 45 \\ 73.6 \quad 71.6 \quad 71.6 \quad 67.2 \quad 71.5 \quad 64.8 \quad 63.4 \quad 62.5 \quad 61.4 \quad 60.1 \quad 59.9 \quad 59.4 \quad 59.7 \quad 59.1 \quad 58.1 \end{array}$

$\begin{array}{r} 5.6 \quad 4.9 \quad 4.4 \quad 4.6 \quad 7.5 \quad 8.4 \quad 9.0 \quad 9.8 \quad 10.6 \quad 11.0 \\ 450 \quad 422 \quad 400 \quad 370 \quad 377 \quad 350 \quad 327 \quad 300 \quad 250 \quad 225 \\ 63.0 \quad 64.2 \quad 64.7 \quad 64.5 \quad 61.6 \quad 60.7 \quad 60.1 \quad 59.3 \quad 58.5 \quad 58.1 \end{array}$

$\begin{array}{r} 10.7 \quad 10.7 \quad 11.0 \quad 11.0 \\ 450 \quad 400 \quad 350 \quad 300 \\ 58.4 \quad 58.4 \quad 58.1 \quad 58.1 \end{array}$

IN 12" FOR 140' LT. STM. 11+40.

