

Book 1- Dr.-11

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

PLAN

Survey

PLEASANT ST.

From Larpenteur Ave. To Summer St.

Road Acc't. No. R7

Date Filed 11-8-29

File Rose Twp.

PLEASANT ST.

ALIGNMENT FROM LARP. AVE.
TO SUMMIT ST.

STA. POINT ALT ART

18+77 ⁸² P.R.C.

18+63 ⁶⁰ P.I.

18+40 ⁶⁵ P.C.

$\Delta - 74^{\circ} - 49' L.$

TAN - 22 ⁹⁵

ARC - 39 ¹⁷

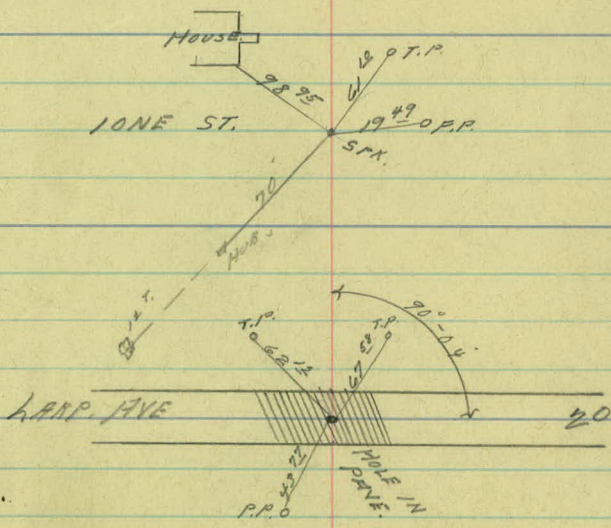
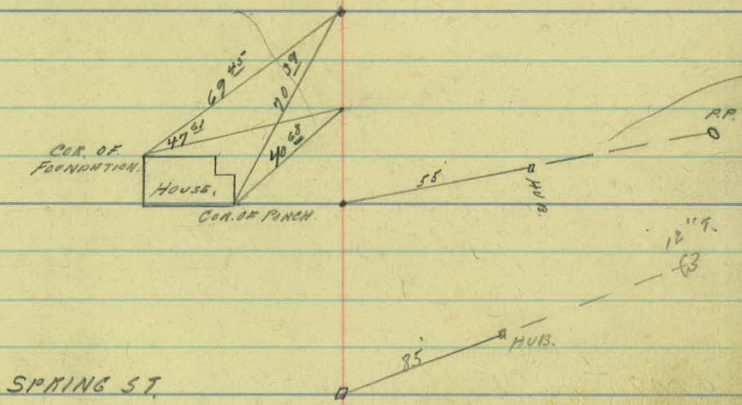
RAD - 30 ²

13+18 ⁶⁵ P.O.T.

6+59 ³ P.O.T.

0+00

4-9-29



STA. POINT ALT ART

20+07 ⁶⁷ P.T.

19+90 ⁵⁶ P.I.

19+60 ⁵⁶ P.C.

$\Delta - 90^{\circ} 01'$

TAN. - 30°

ARC - $47^{\circ} 13'$

RAD. - 50°

19+46 ⁸¹ P.T.

19+19 ⁰² P.I.

18+79 ⁸² P.R.C.

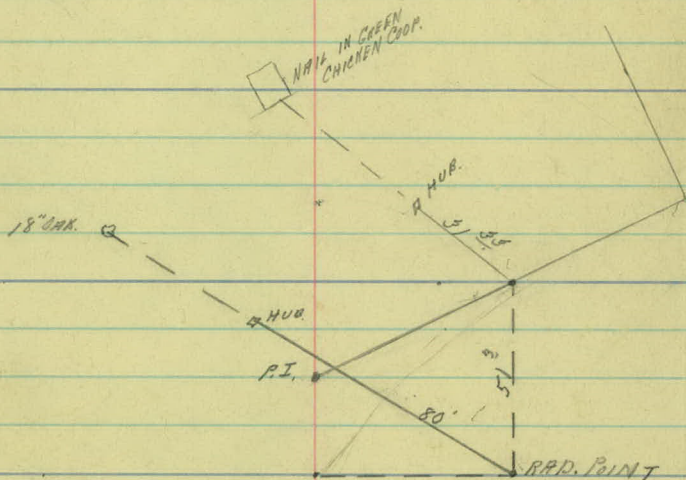
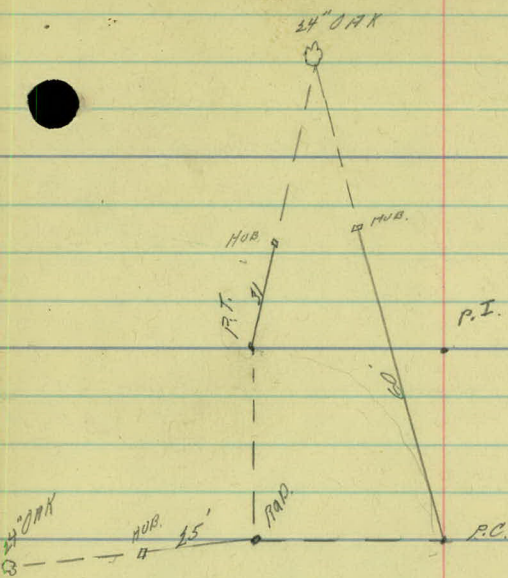
$\Delta - 74^{\circ} 49'$

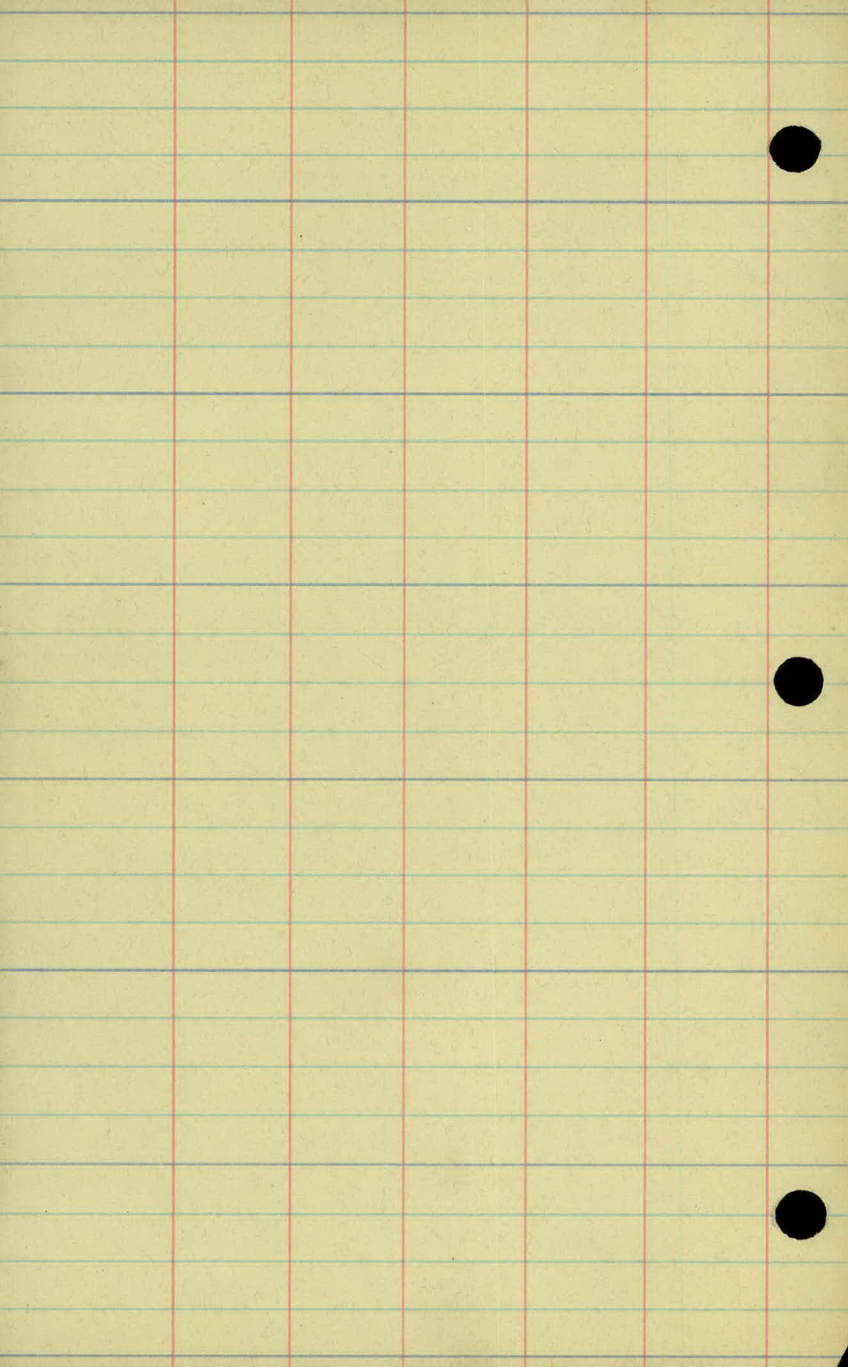
TAN. - 39°

ARC - $66^{\circ} 9'$

RAD. - $51^{\circ} 3'$

4-9-29





Pleasant St.

Larp. Ave to Summer St.

STA. POINT Δ LT. Δ RT.

18+79⁸² P.R.C.

18+63⁶ P.I.

Δ-74°-49'

TAN-22°⁹⁵

18+40⁶⁵ P.C.

ARC-59°¹⁷

BAR-30°

13+18⁶⁵ P.O.T.

6+59³ P.O.T.

0+00.

5-28-29

SPRING STR

$90^{\circ}01'$

85°

HUB.

12" T.

IONE STR.

$89^{\circ}56'$

70°

HUB.

12" T.

LARP AVE

HOLE IN PAVE.

STA. POINT. Δ LT Δ RT.

20+07⁶⁹ P.T.

19+90⁵⁶ P.I.

19+60⁵⁶ P.C.

Δ-90° 01'

TAN-30'

ARC-47¹³

RAD-50'

19+46⁸¹ P.T.

19+19⁸² P.I.

18+99⁸² P.R.C.

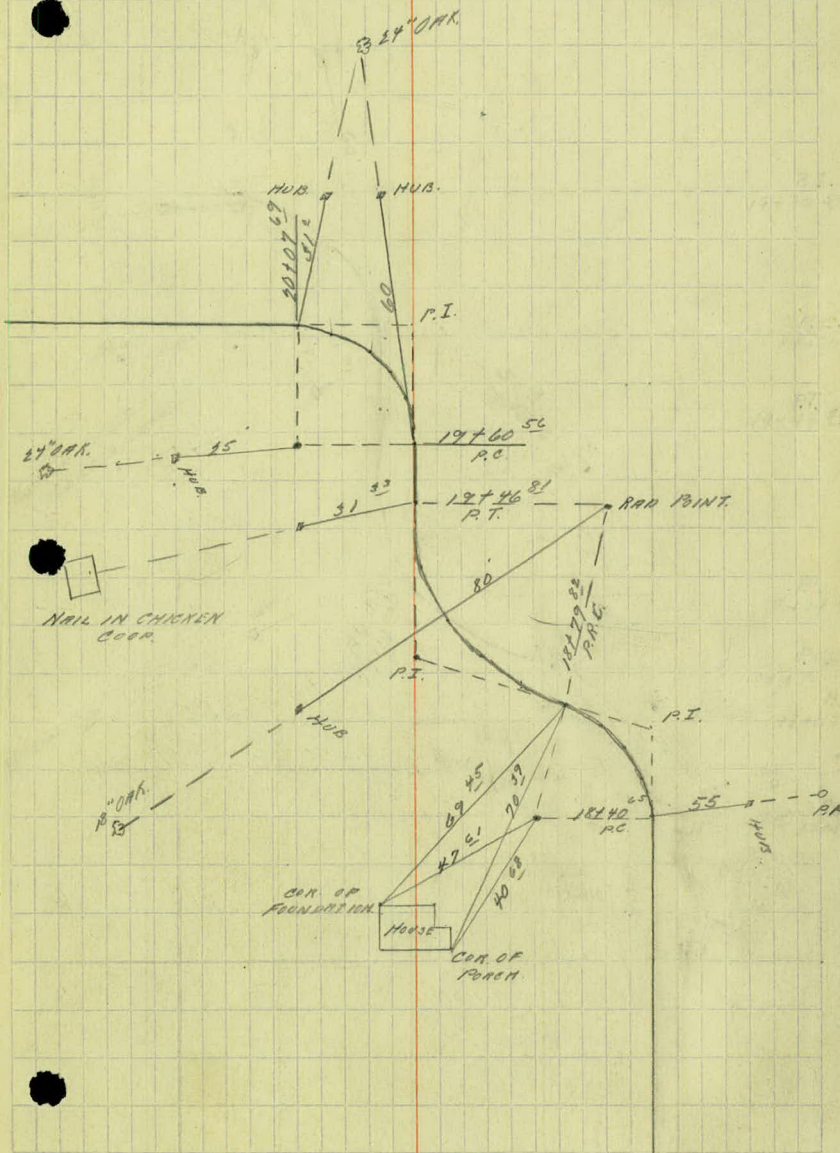
Δ-74° 49'

TAN-39'

ARC-66²⁹

RAD-51³

5-28-29



1001	1002	1003	1004	1005
1006	1007	1008	1009	1010
1011	1012	1013	1014	1015
1016	1017	1018	1019	1020
1021	1022	1023	1024	1025
1026	1027	1028	1029	1030
1031	1032	1033	1034	1035
1036	1037	1038	1039	1040
1041	1042	1043	1044	1045
1046	1047	1048	1049	1050
1051	1052	1053	1054	1055
1056	1057	1058	1059	1060
1061	1062	1063	1064	1065
1066	1067	1068	1069	1070
1071	1072	1073	1074	1075
1076	1077	1078	1079	1080
1081	1082	1083	1084	1085
1086	1087	1088	1089	1090
1091	1092	1093	1094	1095
1096	1097	1098	1099	1100

PLEASANT ST.
ART. TOPOG.

5

4

3

2

1

0+00

$\frac{144}{12^2}$

$\frac{18^4}{22}$

+92 PRI ENT.

+59-10"-T-23

+09-6"-T-32

+70-6"-T-33⁵+59 & CONC. WALK 28⁵
2 W.D.S.

+49-6"-T-34

+29-2"-T-33

+13-2"-T-33

+04 PRI ENT.

+90-2"-T-33⁵

+67-2"-T-33

+71 E. ALLEY

+56 ENT.

+50 CHARGE 30

30 HOUSE 59

+58 T.P. 21

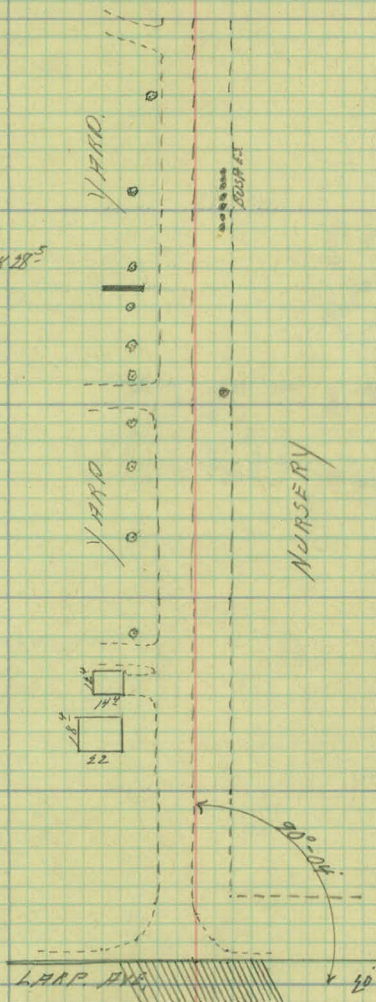
+24 T.P. 20

+04 BUSH 14

+94 T.P. 20

+65 T.P. 19

+61 IN IN SLOP P. 19



11

10

7

8

7

6

5

4-10-29

+88-24"-T-84

+30-24"-T-86

+12-50"-T-38

+98-18"-T-83

+85-12"-T-33

+44-12"-T-32

+64-18"-T-28

+50-12"-T-24

+35-14"-T-32

+14-18"-T-30

+82 P.M. ENT.

+45-16"-T-29

+11-24"-T-27

+63 SIDE ROAD.

+42 WOODEN
STEPS 19"
3 1/4 WIDE

YARD

SCATTERED
CHHS.

YARD

YARD.

ORCHARD.

BERRY
PATCH.

CULTIVATED.

NURSERY

F. 19⁵

+98 T.P. 22

+83 P.M. ENT.

19⁵

+45-T.P. 21⁵

F. 19⁵

+16 T.P. 21⁵

F. 20

+82 I.R.D. SIGN 22

+59 F.COR. 20

+42 FIELD ENT.

+87 T.P. 22

17

16

15

14

13

12

11

+38-18"-T-33
 +46-8"-T-33
 +16-12"-T-33
 +13 & WOODEN STEPS 28
 3' WIDE.

+84 PRI. ENT.
 +84 S. DRAIN 13
 8" X 16 C.M.

+28 & WOODEN STEPS 17
 3' WIDE.

+71 PRI. ENT.

+54 E CONC WALK 29
 4' WIDE.

+06 & CONC WALK 29
 4' WIDE

+75-24"-T-37

13 +32 CROSS ROAD
 12 +73-2"-T-33
 +72 & CONC WALK 29
 3' WIDE
 +08-4"-T-33
 +46 BUSH 25
 +43-2"-T-33
 +39 BUSH 26
 +35 & CONC WALK 29
 3' WIDE.
 +31 BUSH 26
 +25-4"-T-33
 +14 PRI. ENT.

+96-6"-T-33

+86 WOODEN STEPS 33
 2' WIDE

+49-8"-T-37

+34-18"-T-33

+65 LILACS 11
 +52 PRI. ENT.

+52 & CONC WALK 16
 4' WIDE
 +28-8"-T-31
 +11-12"-T-31

+77-12"-T-33

+47 HERGE 27
 +29 & CONC WALK 31
 4' WIDE
 +07 APPLE T. 33
 +00 HERGE 35

+79 & CONC WALK 29
 4' WIDE

+70-T-P 21
 +44 HERGE 33
 +42 L. SIGN P. 31
 +42-T-P 33

+19 F. COR. 20
 +12-36"-T-23
 +00 F. 17

+51-T.P. 19
 +46 F. COR 12
 +46-30"-T-33
 +46-30"-T-31
 +46-30"-T-12
 +34 PRI. ENT.
 +28 HERGE 12

+11-10"-T-13

+05-2"-T-19

+78-4"-T-19

+77-8"-T-19

+51-6"-T-10

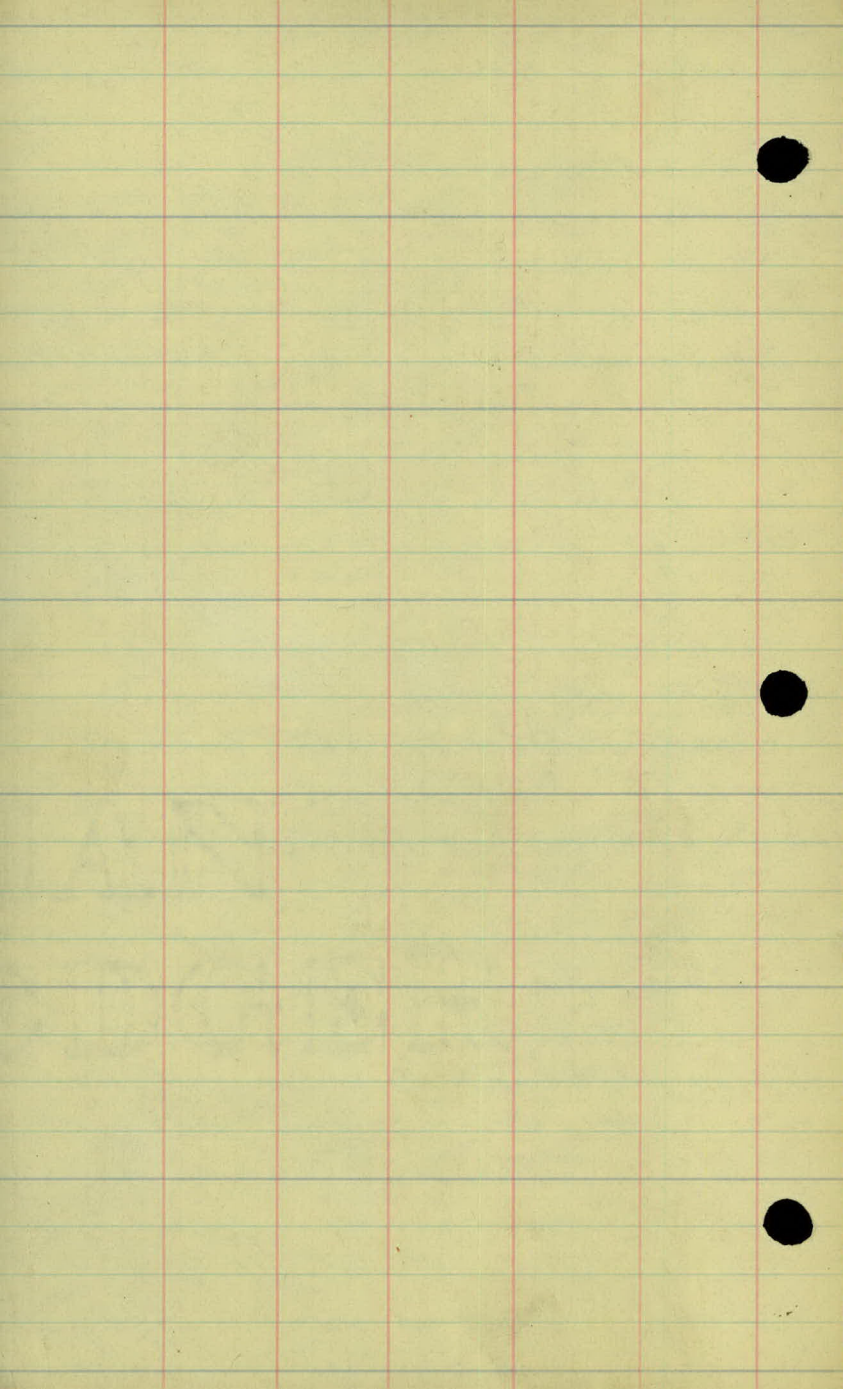
+48-2"-T-20

+36-4"-T-20

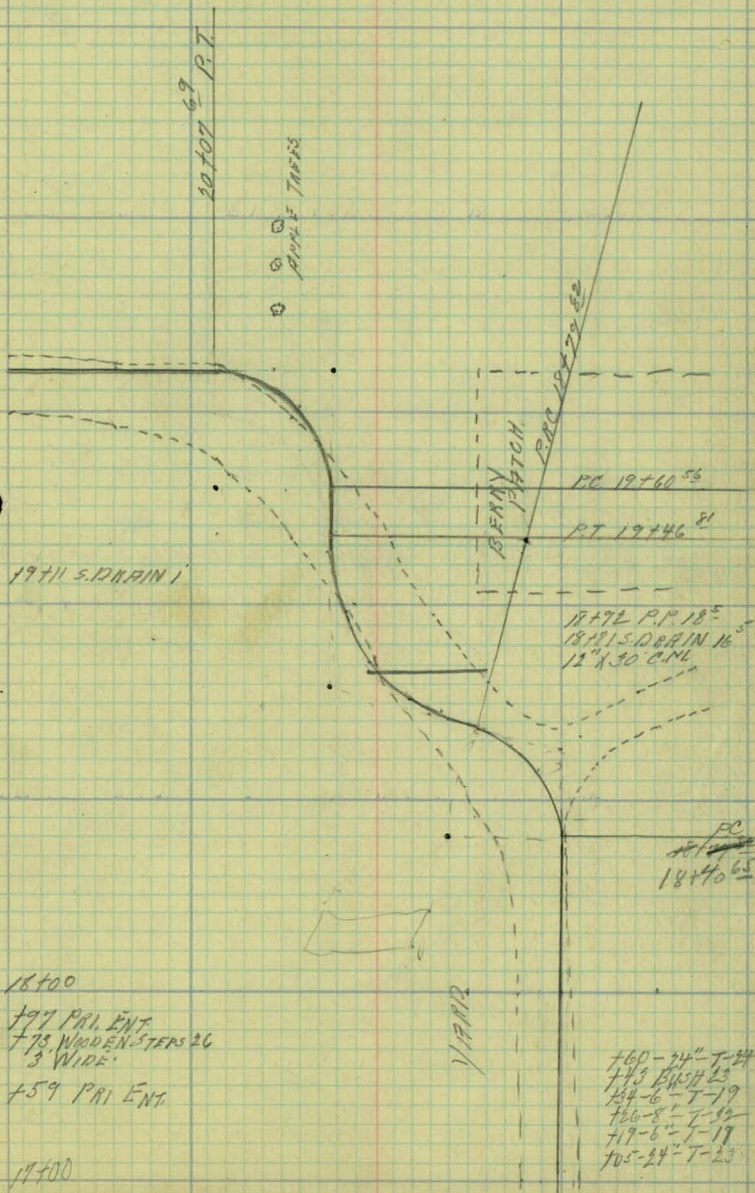
+25-14"-T-20

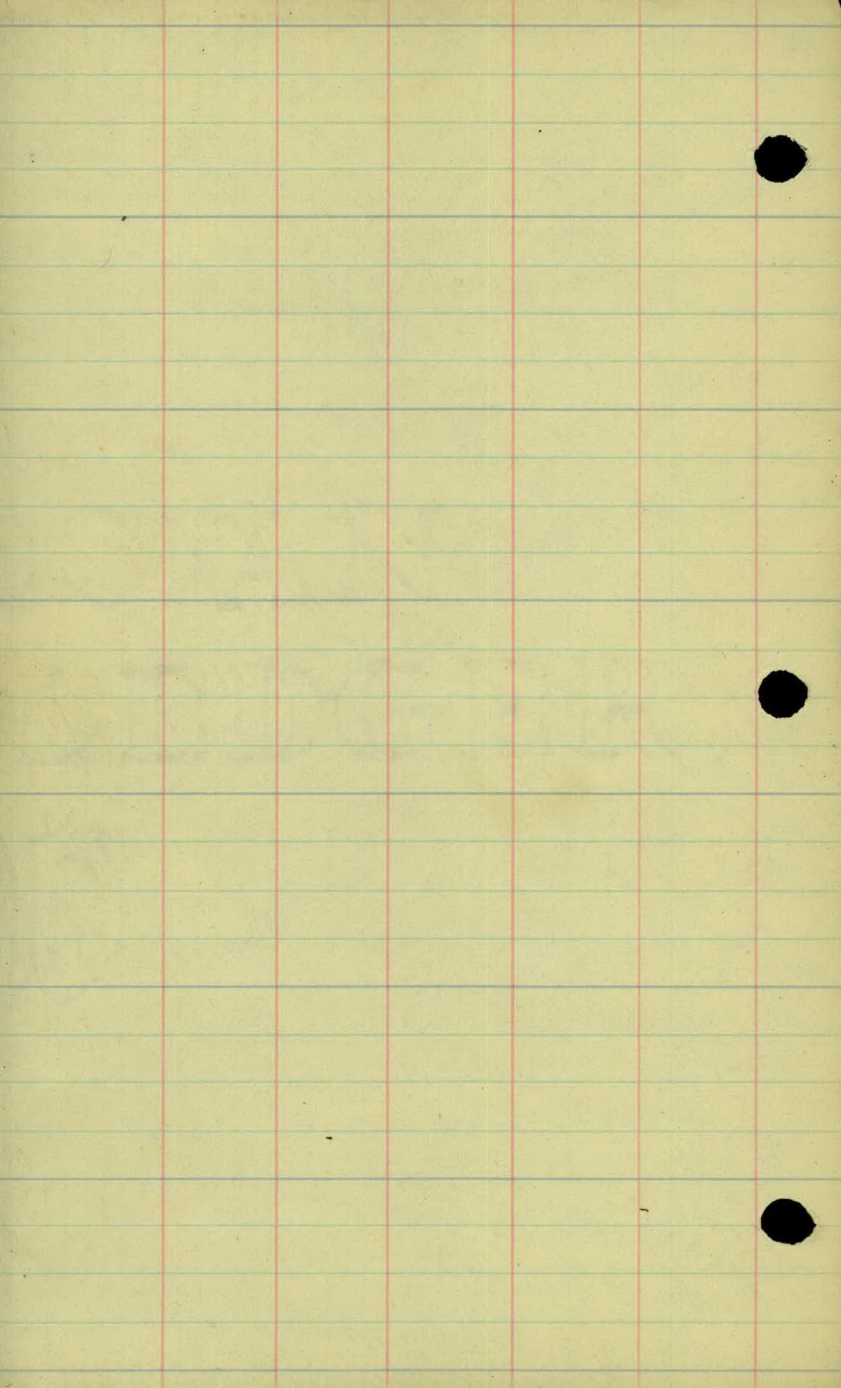
+20 F. COR. 19

+16 T.P. 21



4-11-29





PLEasant ST
X. SECTIONS.

B.M.	6.56	333.64 ✓	327.08 ✓
0 + 00			327.04
0 + 10			327.04
0 + 20			327.1
0 + 40			327.3
1 + 00			328.0
1 + 50			328.7
2 + 00			328.3
2 + 50			328.3
	8.78	337.61 ✓	4.81 328.83 ✓
3 + 00			328.0
3 + 50			328.4
4 + 00			328.3
4 + 50			329.0
5 + 00			329.5

SPX IN MP 40 LT 5720-15

787 732 5.88 5.25
100 50 6.58 50 100

735 704 6.15 5.22
50 25 6.62 25 50

8.5 75 71 64 6.3 6.6 6.9
50 37 27 15 6.5 12 25 50

81 78 72 70 64 62 36 5.2 5.1
40 26 23 21 12 6.3 9 11 24 40

5.4 5.0 5.7 5.9 5.1 6.5 3.5 4.5 4.1 4.1
40 23 22 18 11 5.6 7 10 15 29 40

48 3.9 48 5.3 4.5 5.4 5.4 4.5 1.4 1.4 1.0
40 24 23 20 11 4.9 3 8 12 16 24 40

5.7 5.3 5.3 4.7 5.6 5.4 4.0 3.6 2.8 2.5
40 24 20 11 5.3 3 11 13 17 31 40

68 68 63 4.9 5.8 5.4 4.9 4.4 4.1 3.9
40 26 22 11 5.3 2 10 12 17 31 40

10.1 10.1 10.5 10.0 8.8 7.5 8.8 20 81 8.0
40 27 24 20 11 7.4 10 13 18 34 40

9.5 10.0 9.6 8.6 9.5 9.4 9.4 9.2 9.2
40 20 18 9 9.2 8 10 19 36 40

8.7 9.8 9.6 9.4 8.6 9.5 9.5 9.2
40 28 21 19 8 9.3 3 17 40

7.5 7.7 8.6 8.6 8.7 8.0 8.6 7.5 8.7 8.5 8.6
40 21 19 18 17 9 8.6 1 5 18 32 40

5.7 5.7 5.8 7.8 7.5 8.1 7.8 6.6 6.9 7.1
40 35 24 18 9 8.1 1 2 4 18 40

337.61

5+50

329.7

6+00

329.1

6+50

327.9

6+59³

327.3

3.25 329.67 ✓ 11.19 326.42 ✓

7+00

325.9

7+50

324.8

8+00

324.6

13.N1

5.47 331.69 ✓ 3.45 326.22 ✓

8+16

324.5

8+50

324.1

9+00

324.7

9+50

325.1

10+00

324.6

10+50

324.5

<u>4.1</u>	<u>4.6</u>	<u>7.4</u>	<u>6.9</u>		<u>7.9</u>	<u>5.4</u>	<u>4.6</u>	<u>5.3</u>	<u>5.7</u>
40	24	18	9	7.7	1	5	9	18	40

<u>8.2</u>	<u>7.3</u>	<u>6.7</u>	<u>8.3</u>	<u>8.6</u>	<u>7.6</u>		<u>8.1</u>	<u>4.6</u>	<u>2.6</u>	<u>2.3</u>	<u>3.3</u>	<u>3.7</u>
40	34	23	18	16	8	8.5	1	7	8	21	35	40

<u>13.7</u>	<u>13.7</u>	<u>11.7</u>	<u>10.5</u>	<u>9.6</u>		<u>8.7</u>	<u>7.2</u>	<u>3.3</u>	<u>3.8</u>
40	36	22	15	7	9.7	5	18	35	40

<u>13.7</u>	<u>13.2</u>	<u>12.0</u>	<u>10.6</u>	<u>10.1</u>		<u>7.4</u>	<u>8.7</u>	<u>8.2</u>	<u>8.0</u>
60	35	22	17	9	10.3	18	27	35	40

<u>6.7</u>	<u>6.8</u>	<u>4.0</u>	<u>3.9</u>		<u>3.8</u>	<u>4.6</u>	<u>5.9</u>	<u>4.4</u>	<u>3.6</u>
40	24	16	7	3.8	1	3	7	19	40

<u>6.0</u>	<u>6.4</u>	<u>5.1</u>	<u>4.4</u>		<u>5.2</u>	<u>5.7</u>	<u>5.3</u>	<u>5.0</u>	<u>4.6</u>
40	32	17	9	4.9	3	5	11	22	40

<u>5.6</u>	<u>6.0</u>	<u>5.6</u>	<u>5.0</u>		<u>5.9</u>	<u>5.0</u>	<u>5.1</u>	<u>5.0</u>	<u>3.8</u>
40	27	19	10	5.1	4	15	21	27	40

SPK IN 12" ORK 50 LT STA 8+50.

<u>5.6</u>	<u>5.8</u>	<u>6.0</u>	<u>7.4</u>	<u>6.9</u>		<u>7.9</u>	<u>7.0</u>	<u>7.0</u>	<u>6.8</u>
40	30	24	15	9	7.2	7	15	22	40

<u>5.5</u>	<u>5.5</u>	<u>7.4</u>	<u>7.3</u>	<u>6.5</u>		<u>8.1</u>	<u>7.3</u>	<u>7.1</u>	<u>6.8</u>
40	32	27	16	10	7.6	4	10	22	40

<u>6.0</u>	<u>6.0</u>	<u>6.4</u>	<u>7.1</u>	<u>6.1</u>		<u>7.6</u>	<u>7.6</u>	<u>7.4</u>
40	34	24	18	10	7.0	6	22	40

<u>6.7</u>	<u>6.3</u>	<u>6.6</u>	<u>6.4</u>	<u>5.8</u>		<u>7.5</u>	<u>7.1</u>	<u>7.8</u>	<u>8.5</u>	<u>9.0</u>
40	30	23	18	10	6.6	4	5	19	23	40

<u>7.3</u>	<u>7.7</u>	<u>6.8</u>	<u>6.0</u>		<u>8.2</u>	<u>8.1</u>	<u>8.1</u>	<u>8.3</u>
40	28	19	11	7.1	3	11	22	40

<u>6.1</u>	<u>6.2</u>	<u>7.3</u>	<u>7.4</u>	<u>6.6</u>	<u>6.1</u>		<u>8.0</u>	<u>8.4</u>	<u>8.4</u>	<u>8.6</u>
40	36	34	23	19	9	7.2	4	19	23	40

331.69

11+00

325.5

11+50

326.3

12+00

326.2

12+15

326.2

12+50

326.1

13+00

325.3

13+50

324.2

3.05 328.05 6.69 325.00 ✓

14+00

322.5

14+50

321.3

15+00

320.0

15+25

319.5

15+70

318.00

16+00

316.6

1.13 317.92 1.126 316.79 ✓

5.8 4.7 4.7 5.9 6.2 6.0 5.5 6.4 6.7 7.0 7.5
40 34 30 28 23 16 9 6.2 7 19 22 40

1.7 1.6 5.2 4.7 4.9 4.8 4.0 3.9 4.0
40 26 18 9 5.4 1 11 15 32 40

2.0 2.1 2.6 4.9 4.8 4.7 4.5 4.7 4.8
40 37 26 22 10 5.5 2 13 33 40

4.0 4.9 4.8 4.7 5.0 5.3 5.6
40 21 70 55 2 17 28 40

4.6 4.8 5.5 5.0 5.1 4.7 6.1 7.4
40 22 20 10 5.6 2 11 27 40

5.3 4.8 6.3 5.6 5.8 6.7 7.2 8.0
40 22 19 9 6.4 4 20 24 40

7.0 6.7 6.7 6.7 8.1 8.7 8.4
40 33 20 10 7.5 12 23 40

3.3 3.3 3.9 5.3 5.0 6.3 6.5 6.0 5.5 5.2
40 36 25 19 19 5.6 13 22 28 35 40

3.5 3.6 3.7 5.3 6.3 6.4 7.8 8.4 8.4 8.6
40 36 31 25 19 8 6.8 8 26 32 40

3.9 4.3 5.4 6.2 7.9 7.8 8.1 7.6 8.5 9.6 9.7
40 31 26 19 15 6 8.1 2 3 22 37 40

1.3 2.6 4.2 8.5 8.6 9.0 8.1 9.0 9.7
40 29 22 13 6 8.6 4 6 26 40

3.4 3.5 6.8 10.0 10.6 10.5 11.3 12.3
40 38 18 15 10.1 6 7 25 40

8.3 8.3 10.8 11.8 11.7 12.5 13.2
40 30 29 11 11.5 7 20 40

312.72 ✓

16 + 50

314.7

17 + 00

313.3

B.M.

5.41 312.51 ✓

17 + 50

312.7

18 + 00

311.9

18 + 50

311.0

19 + 00

311.4

19 + 50

312.0

10.08 321.02 ✓ 6.98 310.94 ✓

19 + 85

310.3

20 + 00

311.1

20 + 07⁶⁹

311.2

+ 20

8.9 312.1

+ 50

8.0 313.0

21 + 00

6.0 315.0

+ 50

4.7 316.3

1.6	1.8	2.7	3.4	3.1	3.6	4.4	5.1	5.2	
40	29	25	15	7	32	7	13	35	40

0.9	1.9	3.3	4.5	4.7	5.1	5.8	6.0	6.1	
40	28	26	17	9	44	9	17	37	40

SPIK IN 24" OAK 40 RT 37 FT 17+100

2.5	3.1	4.3	5.0	5.4	5.6	5.0	5.8	6.2	
40	28	27	18	17	9	52	9	20	40

5.6	5.7	6.5	6.8	6.4	6.7	5.9	6.7	7.0	
40	33	29	21	12	60	9	11	25	40

8.3	8.2	7.6	6.7	7.4	8.7	8.7	9.2	9.4	
40	37	23	18	69	7	15	18	35	40

8.3	8.2	8.3	7.9	6.4	6.5	11.5	6.8	5.6	
40	32	10	6	65	9	16	20	31	40

8.3

8.4

8.6	8.6	8.3	6.7	6.9	8.2	7.7	5.8	6.0	5.2	
40	30	18	13	5.9	13	16	20	24	26	40

11.2	11.3	9.6	9.0	9.6	10.7	10.1	9.0	
38	30	26	17	5	10.7	10	29	40

11.5	11.2	9.5	8.8	10.5	10.2	10.2	
40	30	24	16	9.9	12	33	40

11.5	11.3	9.5	8.7	9.2	10.3	10.3	10.2	10.1	
40	30	25	16	5	9.8	2	13	27	40

321.02 ✓

22 + 00

4.9 316.1

+ 50

6.2 314.8

23 + 00

6.5 314.5

+ 50

6.4 314.6

24 + 00

6.5 314.5

+ 50

6.0 315.0

25 + 00

5.3 315.7

+ 50

4.8 316.2

26 + 00

4.4 316.6

26 +

2 EUSTIS ST.

4.4 316.6

B.M.

9.11 326.16 ✓ 3.97 317.05 ✓

6.79 332.36 ✓ 0.59 325.57 ✓

0.32 322.73 ✓ 9.95 322.41

B.M.

5.08 317.65 317.63 ✓

B.M.

5.08 322.71 ✓ 317.63 ✓

10.07 332.17 ✓ 0.61 322.10 ✓

B.M.

323.23 323.25 ✓

B.M.

5.09 327.08 ✓

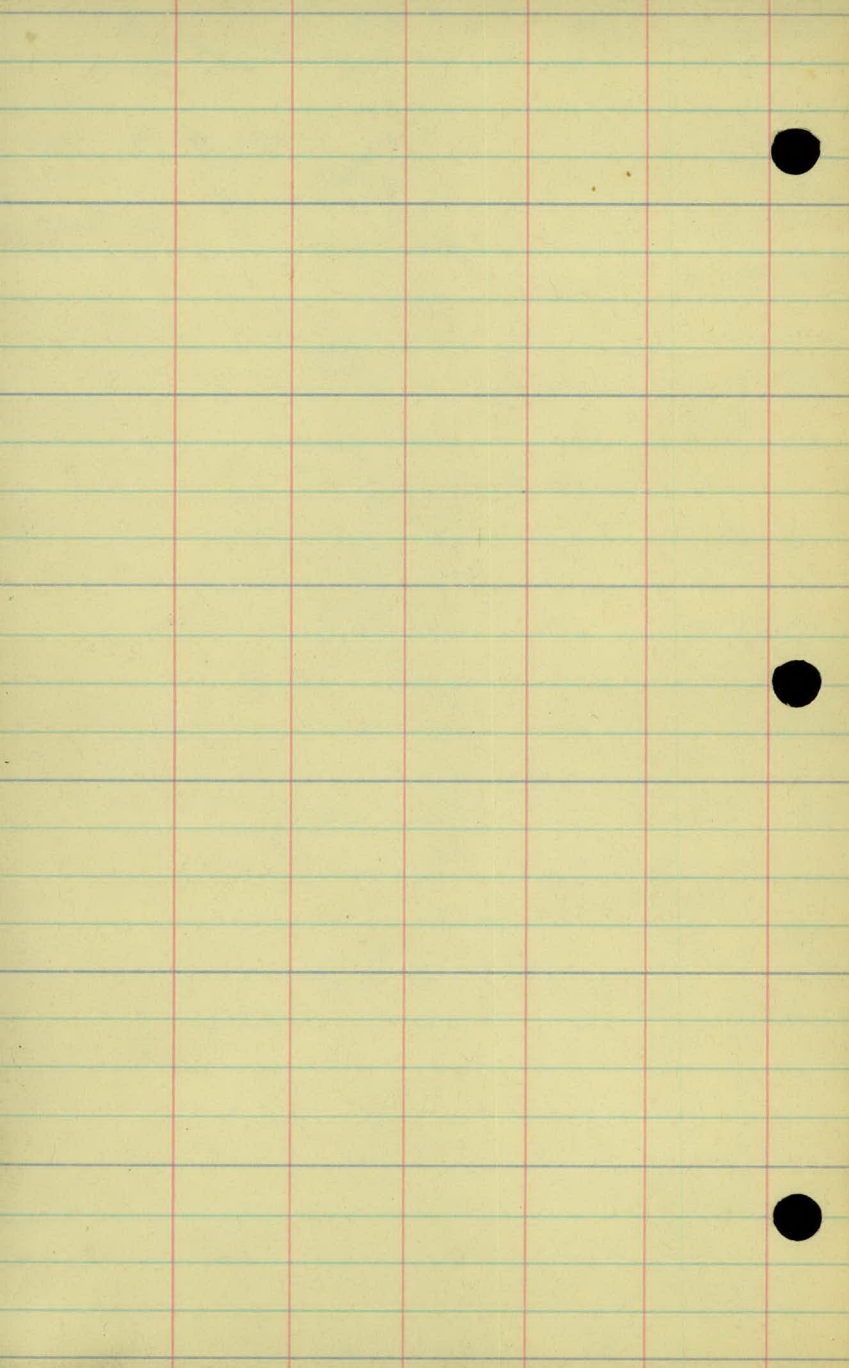
4-11-29

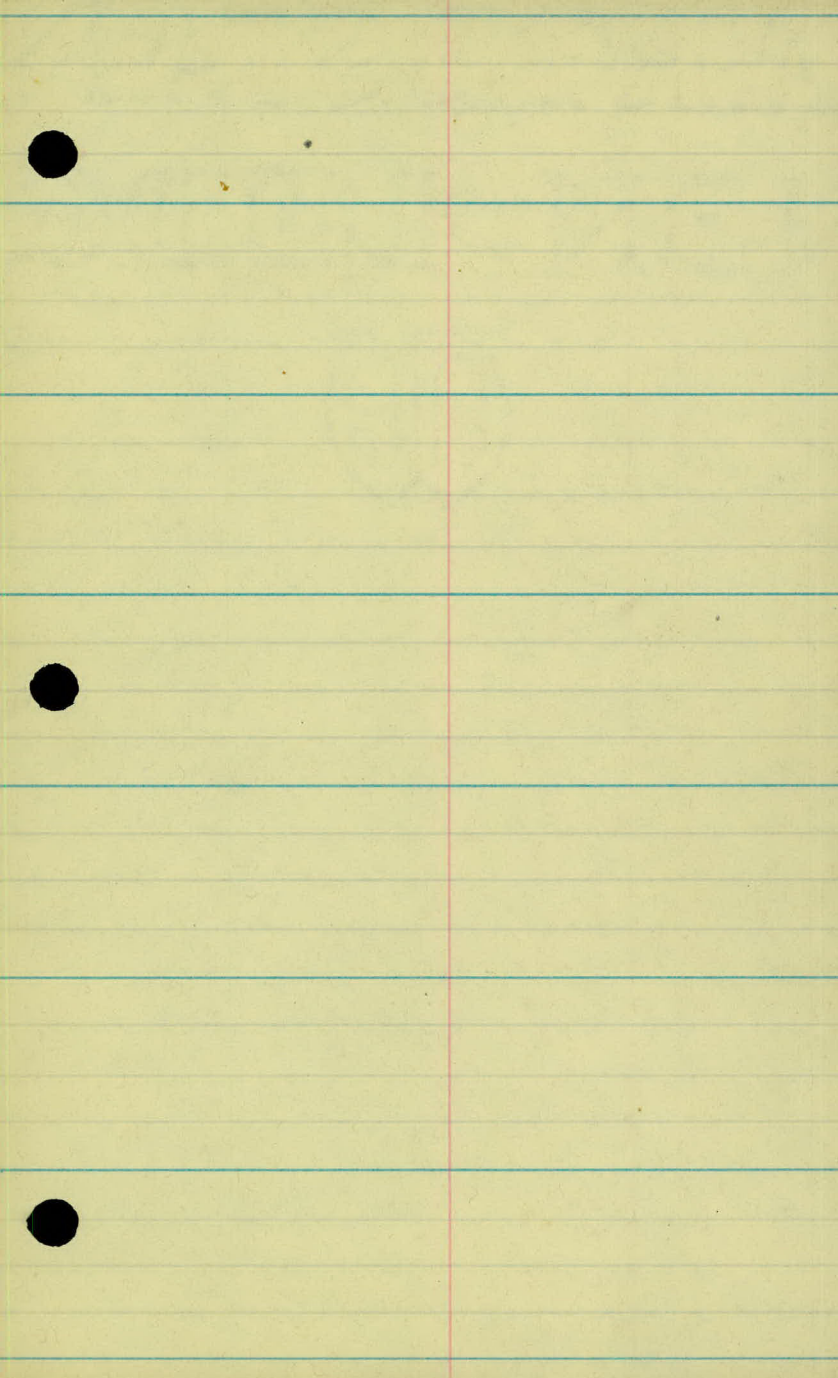
NAIL IN P.P. N.E. COR. OF EUSTIS ST. & SUMNER ST.

WEST SIDE OF CONC. DOOR STEP BRICK STORE S.W. COR. HART & EUSTIS.

SNAILS IN T.P. S.E. COR. LAMP & CARL.

SPK IN P.P. 40' LT. ST. 0-15





B.M. 6.04 332.28 ✓ 326.22 ✓

0+00 = 6759 ³ CENTER OF IONE ST. 327.3

0+07 327.5

0+15 327.0

0+30 324.8

0+50 324.0

1+00 323.7

+50 324.6

2 325.6

+50 326.4

+90 328.5

3 328.7

B.M. 6.05 326.22 ✓

10112

5.0

4.8

5.3

7.5

8.3

8.6

7.7

6.7

5.9

3.8

3.6

T.P. 5.08 330.08 ✓ 325.00 ✓

0+00 = 13+18⁶⁵ CENTER OF SIKING ST. 328.3

+09 325.8

+19 324.7

+24 326.7

+34 325.9

+60 322.5

1+00 322.2

+20 323.3

+50 323.9

+45 324.5

+85 323.8

2+00 322.2

+50 320.6

3+00 321.0

+24 322.2

+40 323.8

+45 323.9

T.P. 5.08 325.00 ✓

Spring St.

Nail in P.P. Rt. 13+

4.8

7.3

5.4

3.4 $\frac{5.7}{10}$

4.2 $\frac{6.5}{13}$

7.6

7.9

6.8 $\frac{7.6}{12}$

6.2 $\frac{7.2}{13}$

5.6 $\frac{6.9}{13}$

6.3 $\frac{7.4}{17}$

7.9

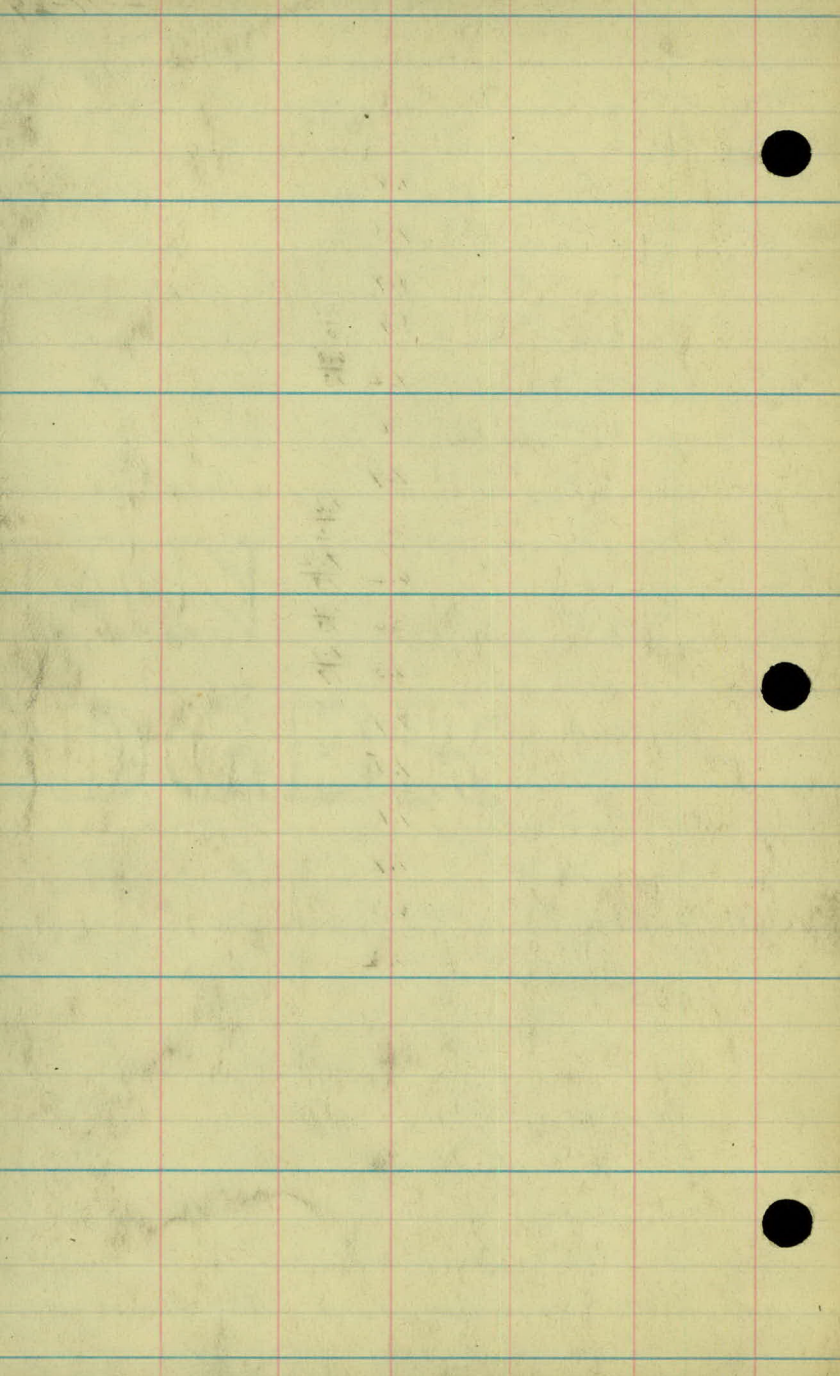
9.5

9.1

7.9

6.3

6.2



Plots in hand
Rose Twp Rd.

O.R.V.R.
M.W.C.
4/24/29

- * 1+56 & +71 ~~Lt~~ No culv.
- * 3+04 Lt. - Pl. 12" X 20' CM.
- * 4+92 Lt - Pl. 12" X 20' CM.
- * 5+40 Lt. Reint steps
- * 6+42 Rt. - Pl. 12" X 20' CM.
- * 6+59 Lt - No culv req.
- * 8 to 10 Cl. & Gr. 5 tr.
- * 8+82 Lt Pl. 12" X 20' CM.
- * 9+83 Rt " "
- * 11+00 - 13+25 Cl. & Gr 10 tr.
- * 12+14 Lt. Pl. 12" X 20' CM.
- * 12+34 Rt " "
- * 13+25 Rt. & Lt. No culv req.
- * 14+71 Lt. - Pl. 12" X 20' CM.
- * 15+25 Lt. - Reint steps
- * 15+56 Rt. - Pl. 12" X 20' CM.
- * 15+00 - 18+00 Cl & Gr. 12 tr.
- * 15+84 - Lt. Reint culv
Pl. 12" X 20' CM
- * 17+59 Lt. Rep 12" X 16' CM.
- * 17+97 Lt Rep 12" X 14' CM
- * 19+10 - Reint. Pl. 15" X 40' CM.

