

162A

**Engineer's
Field Transit
Book**

MADE IN U. S. A.

218 sec A.48. ✓
Hobart Rd. Random line Pg 1-6

Manchester Ditch Lateral Pg 10 ✓

Soltis Road # 214 (1971) Pg 12 ✓

Doty Road # 532 (1973) Pg 14 ✓

Weidinger Ditch Chester (1973) Pg 15 ✓

Manchester Ditch chester (1973) Pg 18 ✓

Winchester Valley Dr. chester (1980) Pg 22 ✓

Mill Rd. (Porkman) Pg 25 ✓

H. Patterson
B. Diehl
F. Klave

Hobart Road sec A#B

6-16-66

17+81.⁹⁵

± Trav. Rd.

SPK. Set

11+97.⁰⁰

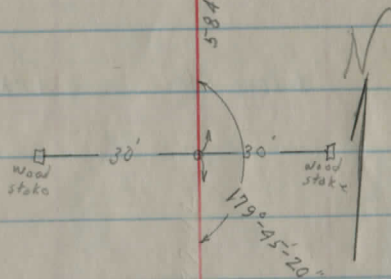
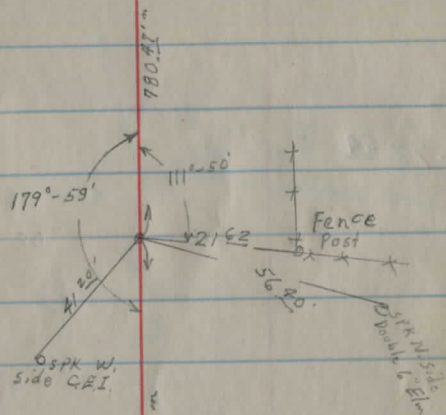
± Trav. Rd.

SPK. Set

0+0

I. Pin Ed
8" down

60' wide Random line



SPK. SW. side
CEI. ?

Reynold

Road

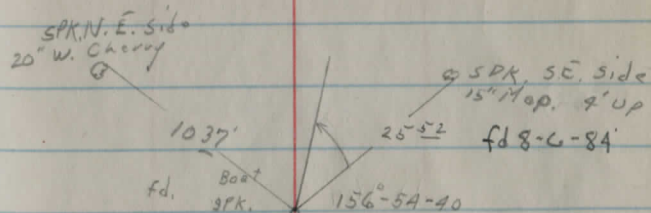
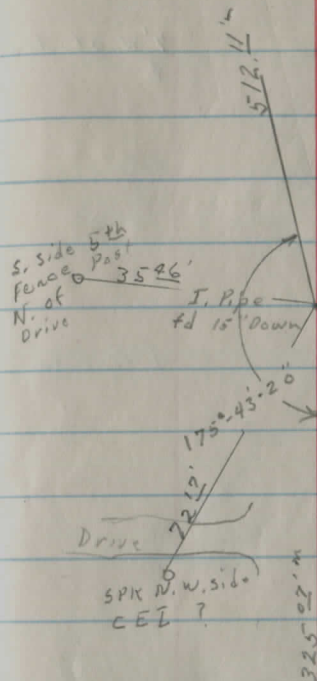
SPK SE side
CEI. ?

Boat SPK NE.
side 14" Maple

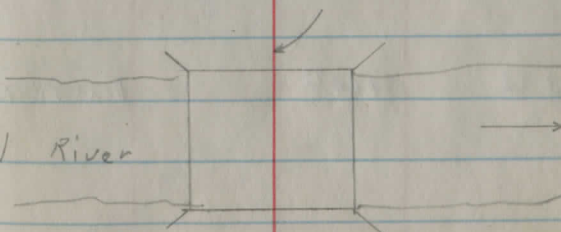
37+71²²

3+92.65

34+46¹⁵ = 0+67.61



Grand River



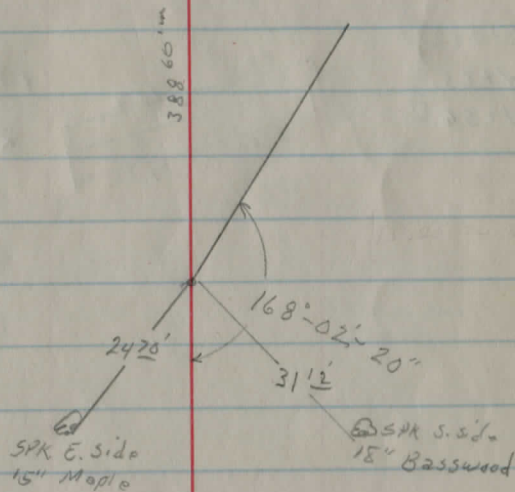
14+11.89

7' W. of Trav
E

12+11.89

I. Pipe fd.

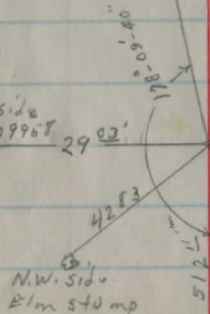
45+90.43



42+83.33

9+04.79

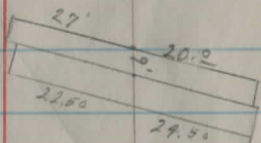
Bent I.P. fd.

SPK S. side
C&E 70996T
6

(58+4435)

24+65.81

24+56.81



± Trav. Rd.

2-5'6" C.M.P.

54+1348

20+3495

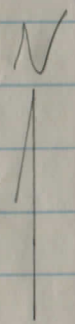
± Trav. Rd.

49+79.03

16+00.49

± Trav. Rd.

595.30
 12" Elm 3' NW
 SPK N. side - 15" Elm 5



36.30
SPK, set P.O.T.

63.14'

SPK W. side
15" Walnut

430.82

21.51
 SPK N. Side
 10" Elm
 179°-38'

SPK, set

57.84'

SPK, SE. side
2" Twin oak

SPK N.W. side
12" Ash

434.15

23.37

SPK, set

179°-00'-40"

388.60

SPK NE. side
30" Oak

84+05.05

50+26.54

71+89.91

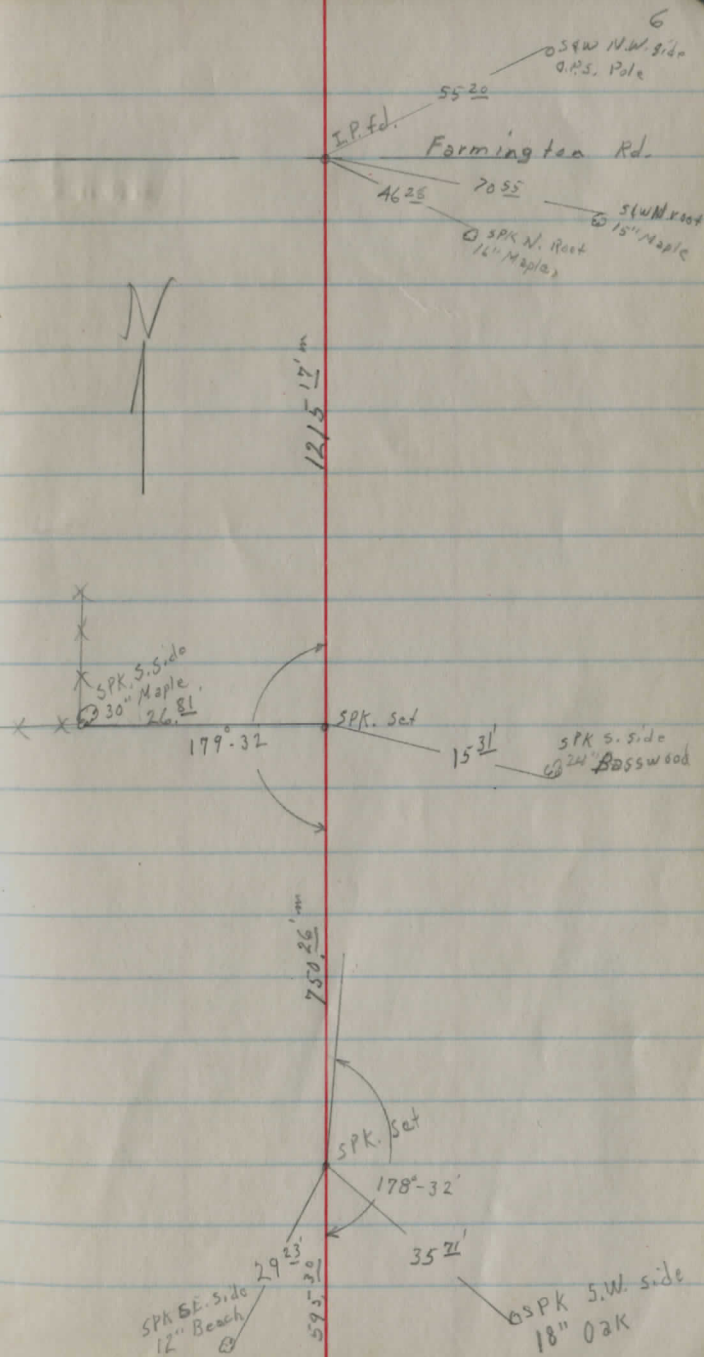
38+11.37

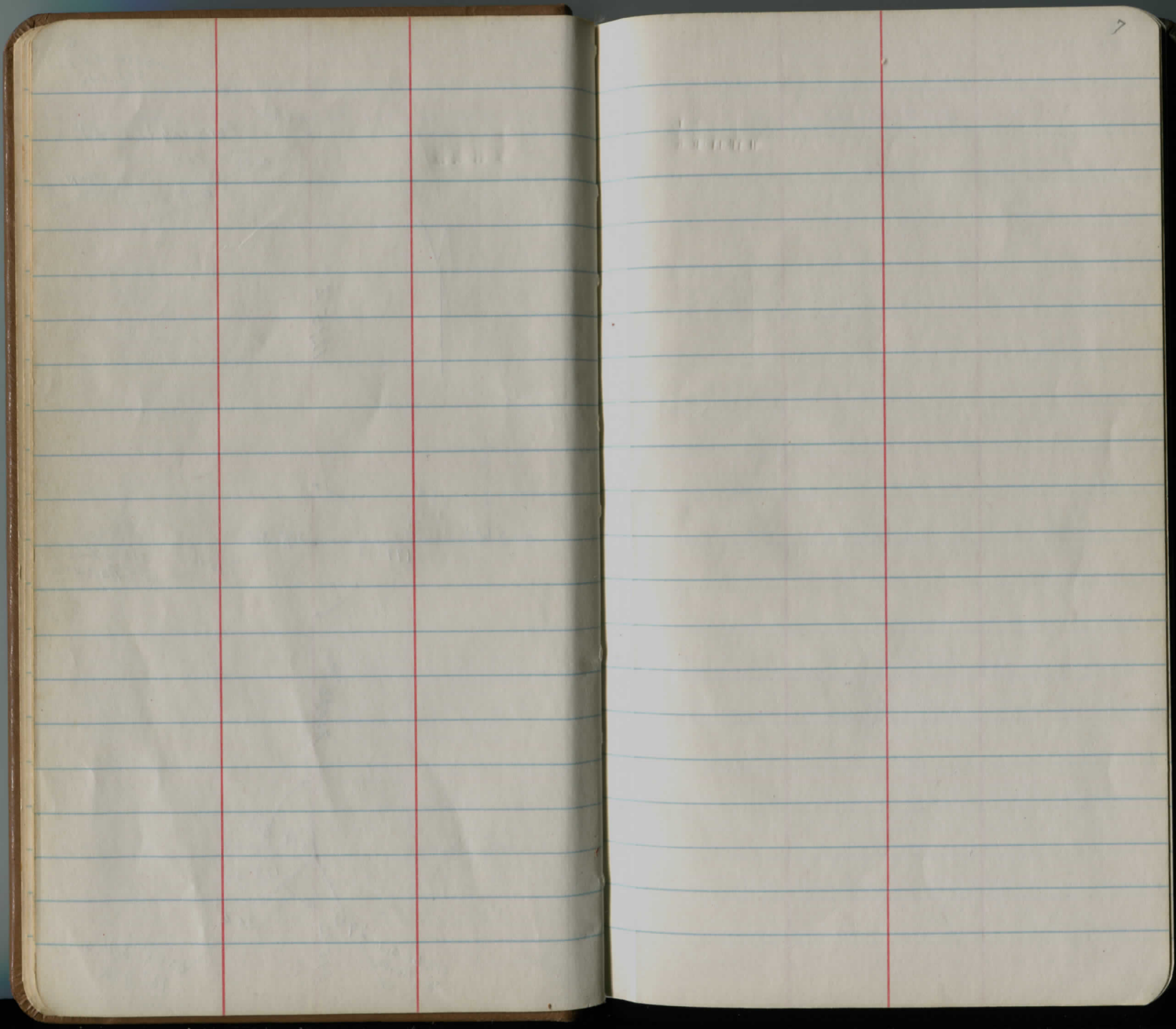
± Trav. Rd.

64+39.65

30+61.4

1/2 W. of Trav. ±





5/5/21

Manchester Ditch Lateral
(from Maywood Dr. to Manchester
Ditch)H. Patterson
T. Skytz

| BM | + | H.I | - | Elev. |
|----|------|--------|---|--------|
| BM | 0.18 | 100.18 | | 100.00 |

| | | | | |
|-----|--------------------|-------|--|-------|
| 0+0 | ± Manchester Ditch | 11.90 | | 88.28 |
|-----|--------------------|-------|--|-------|

+08

| ± | Gd. | Hub |
|--------------|-------------|-------------|
| 89.28 | 90.28 | 90.58 |
| <u>10.90</u> | <u>9.90</u> | <u>9.60</u> |
| | 15 | 15 |

1+0

| | | |
|-------------|-------------|-------------|
| 94.68 | 95.68 | 95.88 |
| <u>5.50</u> | <u>4.50</u> | <u>4.30</u> |
| | 15 | 15 |

2+0

| | | |
|-------------|-------------|-------------|
| 94.58 | 95.88 | 96.08 |
| <u>5.60</u> | <u>4.30</u> | <u>4.10</u> |
| | 15 | 15 |

3+0

| | | |
|-------------|-------------|-------------|
| 95.48 | 97.38 | 97.58 |
| <u>4.70</u> | <u>2.80</u> | <u>2.60</u> |
| | 15 | 15 |

+70

F/L. 36" R.C.P. culvert

0.18 100.00

| |
|-------------|
| 94.88 |
| <u>5.30</u> |

10

Spt. S. side C&G. *597897 E. side + May-
View & Wellswood

N.

S.

4/1/21

H. Patterson
J. Skaythe
D. Wenzel

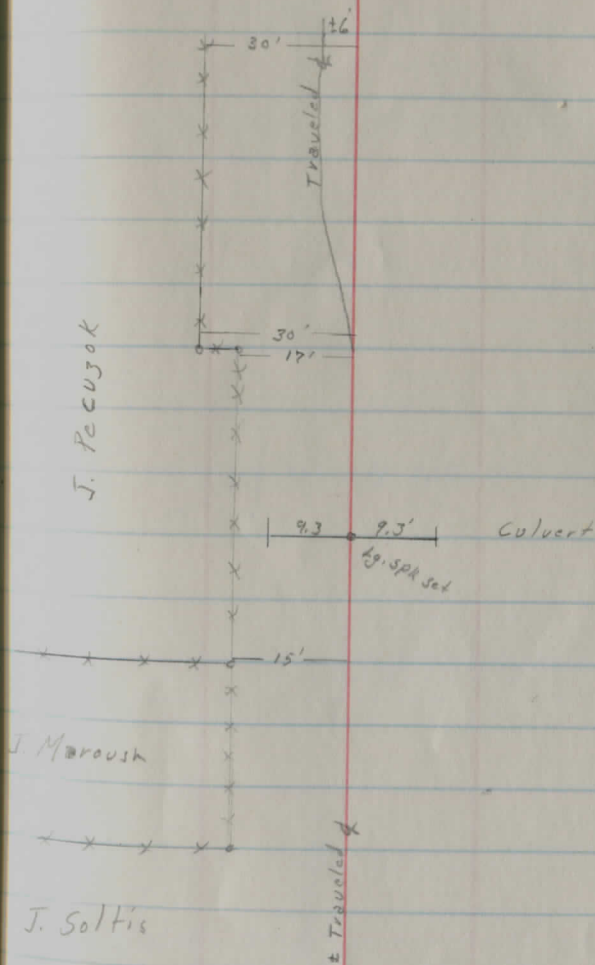
Soltis Road
T.H. 214
set stakes for fence

(60')

No & Data Available on Record
split Culvert at Westerly end
and Traveled & Easterly end

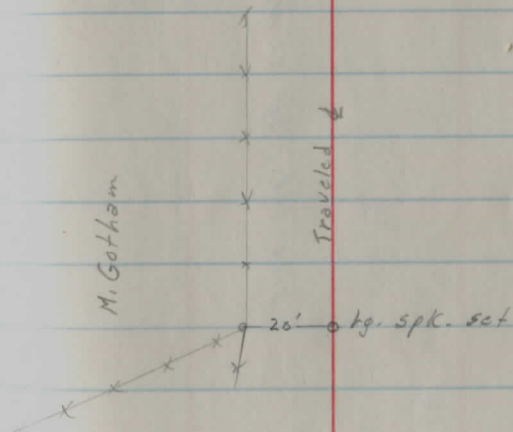
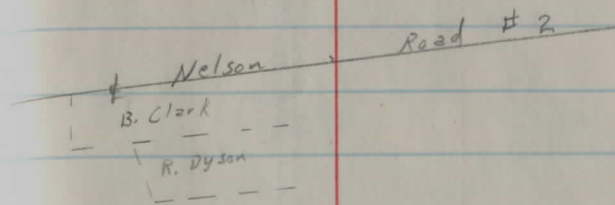
stakes set 30' off & North side
± 500' Apart

12

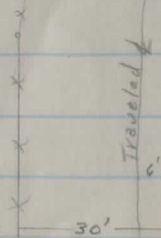


J. Soltis

± S.R. 88



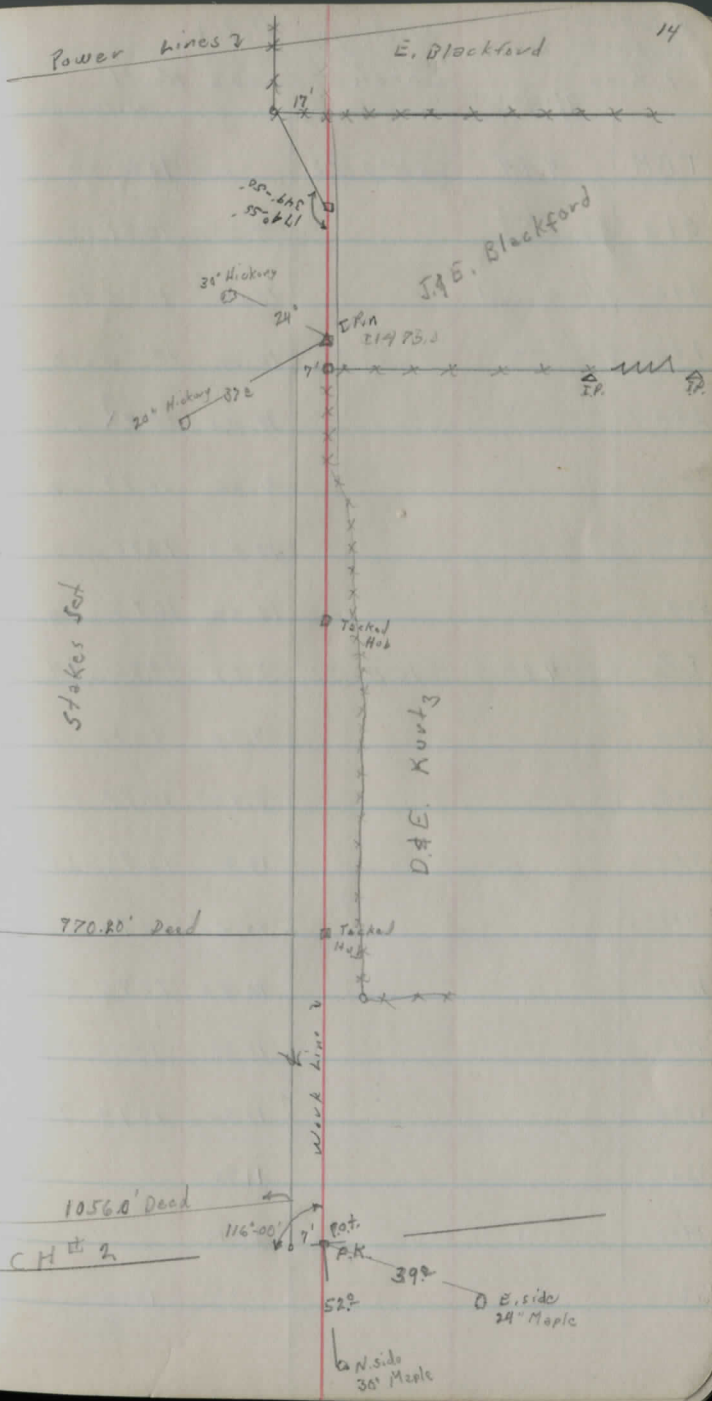
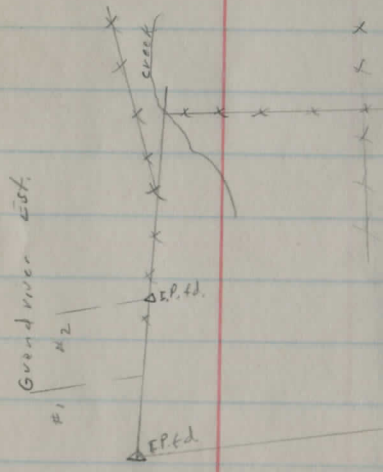
J. Pecuzak



M. Patterson
 R. Eging
 11/1/73

Doty Road #532

Side stks, set 37' N. of work line 100' apart



H. P. Horson
D. Werzel T
P. King 7/12/73

Wepfinger Ditch
Chester - US 322 North
warm 60°

| | | | | |
|------|-------------|---------|-------|---------|
| TBM. | 4.44 | 1090.72 | | 1086.28 |
| 0+0 | F/a Culvert | | 9.20 | 1081.52 |
| 0+0 | F/a channel | | 10.60 | 1080.12 |
| 1+0 | F/a " | | 10.60 | 1080.12 |
| 2+0 | " " | | 11.00 | 1078.72 |
| 3+0 | " " | | 11.60 | 1079.12 |
| 4+0 | " " | | 12.50 | 1078.22 |
| 5+0 | " " | | 12.60 | 1078.10 |
| T.P. | 4.28 | 1086.72 | 8.58 | 1082.44 |
| 6+0 | | | 8.70 | 1078.02 |
| 7+0 | | | 9.40 | 1079.32 |
| 8+0 | | | 10.20 | 1076.52 |
| 9+0 | | | 10.60 | 1076.12 |
| 10+0 | | | 10.90 | 1075.82 |
| 11+0 | | | 11.30 | 1075.42 |
| 12+0 | | | 11.80 | 1074.92 |
| 13+0 | | | 11.80 | |
| 14+0 | | | 12.10 | |
| 16+0 | | | 13.70 | 1073.02 |

NE X N. Hdwall x Rd Culvt.
N. end x rd. Culvt.

Top Aug 75

M & S check

1086.72

T.P. 7.60 1090.53 3.79 1082.93

T.B.M. 4.23 1086.30

Ditch spot us 222

T.B.M. 5.12 1091.40 1086.25

010 1/2 Colut. 9.80

010 " Ditch 10.10

110 9.20

+25 F/2 4 Brl. Dr. pipe w. end 9.80

+43 " " " E. end 8.90

210 8.70

T.P. 5.40 1091.48 5.32 1086.05

+57 F/2 3 Brl. Dr. pipe 24" 7.50

+75 " " " 7.40

340 7.40

+10

440 7.50

5420 6.30

T.P. 4.16 1093.18 2.46 1099.02

T.B.M. 6.92 1086.26

S. end x Rd. Colut.

Gas line crosses ditch obstructs flow

4 pipe open

Gas line crosses ditch obstructs flow

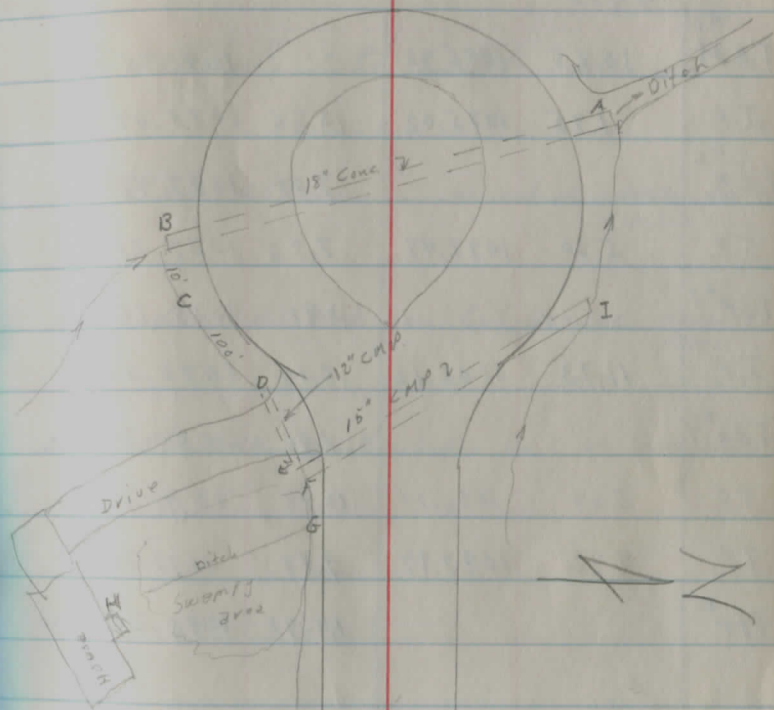


Midd. 1/2 Plugged

Gas line crosses ditch obstructs flow

F/2 2 Brl. Dr. pipe 4 end open Ditch

| | | |
|---|-------------------------------|------|
| A | F/L 18" Conc. x 11' | 8.60 |
| B | F/L " " " | 7.80 |
| C | F/L Ditch | 6.00 |
| D | F/L 12" Drain pipe w. end | 6.80 |
| E | " " " E. end | 6.90 |
| F | " 15" x R.R. Culvert S. end | 7.40 |
| G | F/L Ditch | 7.00 |
| H | Ground level at house | 3.30 |
| I | F/L 15" x R.R. Culvert N. end | 7.70 |



AVON Lane

H. Patterson
P. King

Manchester
US 322 S. to

Ditch

8/1/73

| | | | | |
|--------------|-------|---------|-------|---------|
| #1 T.B.M. | 10.65 | 1096.93 | | 1086.28 |
| T.P. | 1.95 | 1095.02 | 3.86 | 1093.07 |
| #2 T.B.M. | | | 7.54 | 1087.48 |
| T.P. | 5.20 | 1092.49 | 7.73 | 1087.29 |
| TBM #3 | | | 3.81 | 1089.68 |
| T.P. | 11.73 | 1102.12 | 2.10 | 1090.39 |
| TBM #4 | | | 1.41 | 1100.71 |
| T.P. | 5.07 | 1096.24 | 10.95 | 1091.17 |
| T.P. | 4.42 | 1097.17 | 3.49 | 1092.75 |
| TBM #1 | | | 10.91 | 1086.26 |

NE. X Adwell. X Rd Culit.

Spk E. side CEF

w. end of Avon in
Devon

Spk N side CEF stub in Cul-De-sac Devon in
Avon

Spk E. side CEF opp. Manchester Dr. at Waverick

(.02) ok.

H. Patterson
P. King

8/2/73

Manchester Ditch
US 322 S. to Warwick Av.

| TBM | 3.95 | 1091.43 | | 1087.48 |
|------|------|---------|------|---------|
| 0+0 | | | 14.2 | 1077.23 |
| 1+0 | | | 14.0 | 1077.43 |
| 2+0 | | | 13.6 | 1077.83 |
| 3+0 | | | 13.6 | 1077.83 |
| 4+0 | | | 12.8 | 1078.63 |
| 5+0 | | | 12.7 | 1078.73 |
| 6+0 | | | 12.5 | 1079.13 |
| T.P. | 7.08 | 1091.14 | 7.37 | 1084.06 |
| 7+0 | | | 11.4 | 1079.74 |
| 8+0 | | | 10.7 | 1080.44 |
| 9+0 | | | 10.4 | 1080.74 |
| 10+0 | | | 9.8 | 1081.34 |
| 11+0 | | | 9.0 | 1082.14 |
| T.P. | 5.55 | 1090.90 | 5.79 | 1085.35 |
| 12+0 | | | 8.50 | 1082.40 |
| 13+0 | | | 7.90 | 1083.00 |
| T.P. | 4.91 | 1092.95 | 2.86 | 1088.09 |
| 14+0 | | | 9.70 | 1083.25 |

19

spk E. side C&D

W. end Devon Lane

F/L

Culit. X. Rd. US 322

| Grade | | |
|-------|-------|--------|
| +00 | 81.53 | C-5'6" |
| 11+0 | 81.70 | C-5'6" |
| +50 | 81.90 | C-3'0" |
| 12+0 | 82.15 | C-5'6" |
| +50 | 82.35 | C-6'6" |
| 13+0 | 82.50 | C-7'0" |
| +50 | 82.70 | C-7'0" |
| 14+0 | 82.91 | C-6'0" |

1092.95

| | | | | |
|--------------------|-----------------------------------|---------|------|---------|
| 14465 | x Rd F/L Culvert | | 9.50 | 1083.45 |
| +80 | ± Rd. | | 5.50 | 1087.45 |
| 1540 | x Rd F/L Culvert | | 8.60 | 1084.35 |
| 1640 | Ground Level | | 6.10 | 1086.85 |
| T.M. ⁴⁷ | 4.92 | 1093.61 | 4.26 | 1088.69 |
| 15480 1640 | ± Rd. | | 5.50 | 1088.11 |
| 1640 | x Rd F/L Culvert | | 8.40 | 1085.21 |
| 1740 | | | 6.70 | 1086.91 |
| 1840 | | | 5.90 | 1087.71 |
| T.P. | 5.57 | 1095.02 | 4.16 | 1089.45 |
| 1940 | | | 6.40 | 1088.62 |
| T.P. | 8.10 | 1098.53 | 4.59 | 1090.43 |
| 2040 | | | 9.80 | 1088.73 |
| 2140 | | | 8.90 | 1089.63 |
| 2240 | | | 7.60 | 1090.93 |
| T.P. | 6.91 | 1101.70 | 5.74 | 1094.79 |
| +90 | M. X. Rd. F/L Culvert, Warwick | | 8.60 | 1093.10 |
| 2340 | Ground Level Sand | | 5.50 | 1096.20 |
| +30 | F/L Culvert | | 7.60 | 1094.10 |

| | | |
|------------|--|--------|
| 83.20 | | C-3'6" |
| 83.45 | | C-5'6" |
| +50 83.83 | | C-4'6" |
| 1660 84.20 | | C-4'0" |

SPK N.E. Side C.E.T. CIV. OF CUL-DE-SAC.

| | | |
|------------|--|--------|
| 84.20 | | C-4'0" |
| +50 84.20 | | C-6'6" |
| 1740 85.25 | | C-6'0" |
| +56 85.77 | | C-6'0" |
| 1840 86.40 | | C-5'6" |
| +30 87.15 | | C-5'0" |
| 1940 87.50 | | C-3'6" |
| +50 88.12 | | C-2'6" |

Grade

| | 1101.70 | | |
|-------|-----------------------|------|---------|
| 23+50 | 18" cni / Dr. pipe | 7.10 | 1094.60 |
| +70 | " " | 7.30 | 1094.40 |
| 24+0 | | 7.10 | 1094.60 |
| 25+0 | F/L 18" Dr. pipe | 6.50 | 1095.20 |
| +20 | " " " | 6.20 | 1095.50 |
| 7+0 | F/L 18" Dr. pipe | 6.00 | 1095.70 |
| +60 | " " " | 5.90 | 1095.80 |
| 26+0 | | 5.40 | 1096.30 |
| 7+50 | | 4.80 | 1096.90 |
| TBM* | | 1.03 | 1100.67 |

South Hill Warwick Dr

Creek turns South

-.04 (error)

0+00 DEF. 100 FT ELEV
HI 8.17 108.17

0+00

1+00

2+00

12" CULV 2+53 2+72.5
100.14 8.03 21.25
100.17 8.00 19.45

3+00

4+00

12" CULV 4+76 4+99 4+99 17.4 N
101.92 6.25 18 N 101.88 6.29 17.4 N
12" CULV 4+88 5+08 5+08 16.75
101.50 6.67 17.5 101.42 6.66 16.75

5+00

12" 5+67 185
CMP 5+88 205
101.86 6.31
101.57 6.60

7-11-80 WEN, WEF, GAM
WINCHESTER VALLEY

22

N DITCH DIS C TRAY S. DITCH DIST

99.35 100.00 100.04
35.4 8.82 8.17 8:13 26

100.52 101.55 100.60
21.6 7.65 8.62 7.57 27.9

100.87 101.91 100.56
16.2 7.30 6.26 7.61 17.5
100.79 101.87 100.45
16.4 7.38 6.30 7.72 18

101.03 101.46 100.48
17.4 7.14 6.71 7.69 18.7

101.51 101.77 101.09
15.3 6.66 6.40 7.08 16.6

102.15 102.32
17.5 6.02 5.85 DRIVE

HI. 108.17
6+90
12" CMP 7+11

101.89
6.28 20.4 S
101.89
6.28 20.5 S

6+00 W

100.68
7+98 7.49 19.5 S
100.81
8+17.6 7.36 18.9 S

7+00

101.23
8+32 6.94 20 N

DRAIN TILE 101.51
GRND LINE 6.66

8+00

99.15
9+56 9.02 19.2 A S
98.85
9+76 9.32 18.9

9+00

97.36
10+15 16.1⁵ PIPE 10.81
+16 GRNDLINE 98.28
9.89

10+00

N
103.15
5.02
14

103.35
4.82

23
5
101.97
6.26 15.9

102.80
5.87
17.8

103.20
4.97

DRIVE

101.79
6.38
19

102.49
5.68

DRIVE

101.34
6.87
14.3

101.65
6.52

100.25
7.92 17

99.17
9.00
16.7

99.43
8.74

98.22
9.95 16.2

94.70
13.47 10.5

95.11
101.4
13.06

94.95
13.22 13





H/6.43 106.43

3+21

100.66

5.77/19 £ ditch

101.00

5.43/26 back ditch

99.93

6.50/55

99.13

7.30/66

98.31

8.12/100

(Copied from notes in parkman Center file 11/30/76)

12/21/66

Note: See Ted Root for F.R.Z. survey this

area 1927

N 37-45-40 E
S 53-56-00 E

93-51-40

7 93-41-40

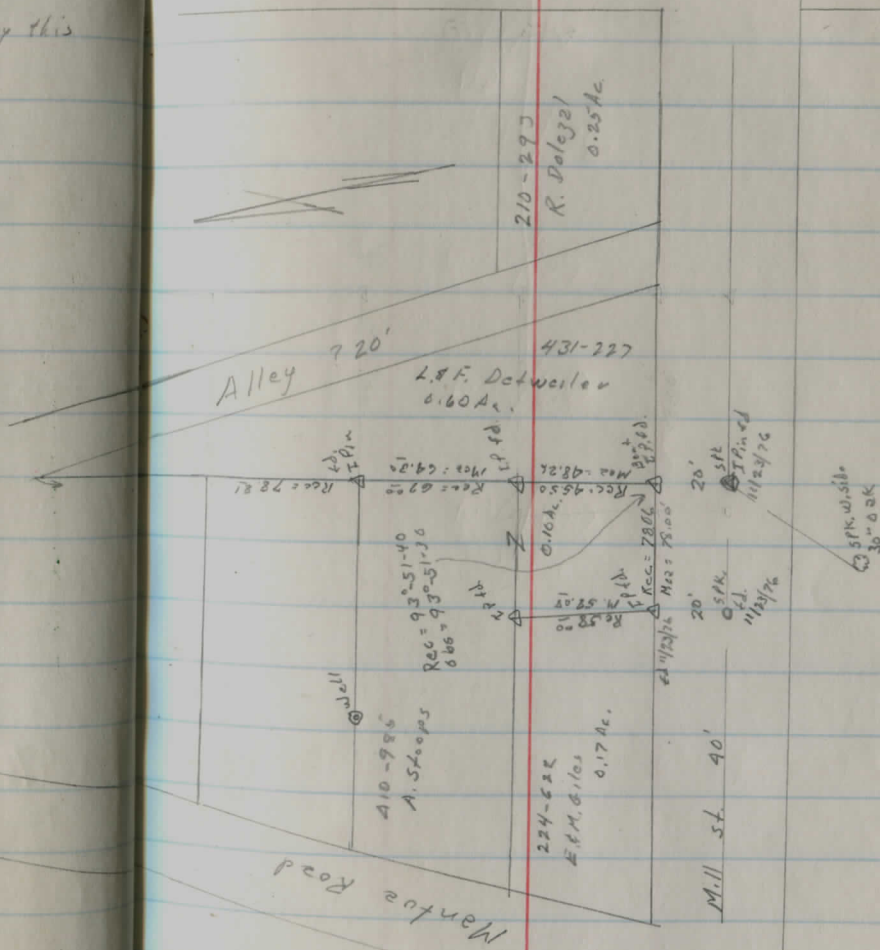
2/28/11/23/76

#401

25

Mill St. Parkman

Nelson Road



210-293
R. Daley
0.25 Ac.

Alley 7' 20'

431-227
L.F. DeWitt
0.60 Ac.

Rec = 78.81
I.P.M.

Rec = 67.0
M.S. = 64.3

Rec = 45.50
M.S. = 48.26

Rec = 78.06
M.S. = 75.00

410-796
A. Stoops
Rec = 93-51-40
0.66 Ac.

224-622
E.M. Giles
0.17 Ac.

20'
S.P.K.
I.P.M.
11/23/76

20'
S.P.K.
I.P.M.
11/23/76

Mill St. 40'

3 PK. white
30 oak