

34
NORFOLK COUNTY

ENGINEERS DEPT.

No. 364

Property of Norfolk County
Engineers Dept.

Address 649 High St.
Dedham Mass.

Phone 1-781-461-6128 or 6129

This Field Book is manufactured of a High Grade 50% Rag Paper having a WATER RESISTING SURFACE, and is sewed with Bing Special Enamel Waterproof thread.

INDEX PAGE

[illegible]

Inst.

Tape

Wthr & Temp.

Date _____

Crew:

364/1

2 Old West Street
1364

$\Delta = 55^\circ 57' 28''$
 $R = 340$

Vert.
SPK.
10" Ash

166° 22' 40"

$\Delta T = 170.00$

113.50

Plan & chord 300.25
Meas. O.K.

$\Delta = 55^\circ 57' 28''$
 $R = 300$

$\Delta = 31^\circ 38' 55''$
 $R = 90$

Foxboro

March 1972 Layout 3

Large spike
10" Apple

Shed

Tack in
C.B. up
2.0

(W. Root)

Vert.
SPK.
12" Apple

SPK. 8" Ash

S.B. drilled
7/6/77

57.07

S.B.
6-77

26.00

37.23

227.69

S.B. 6-77

58.13

20.00

435.23

227.84

227.65

0.4

SPK.

3.70

16.30

152° 01' 16" O.K.

S.B. 6-77

227.69

6+62.92

20.00

Vert. small
SPK. C. 10.25

10.77

S.B. 6-77

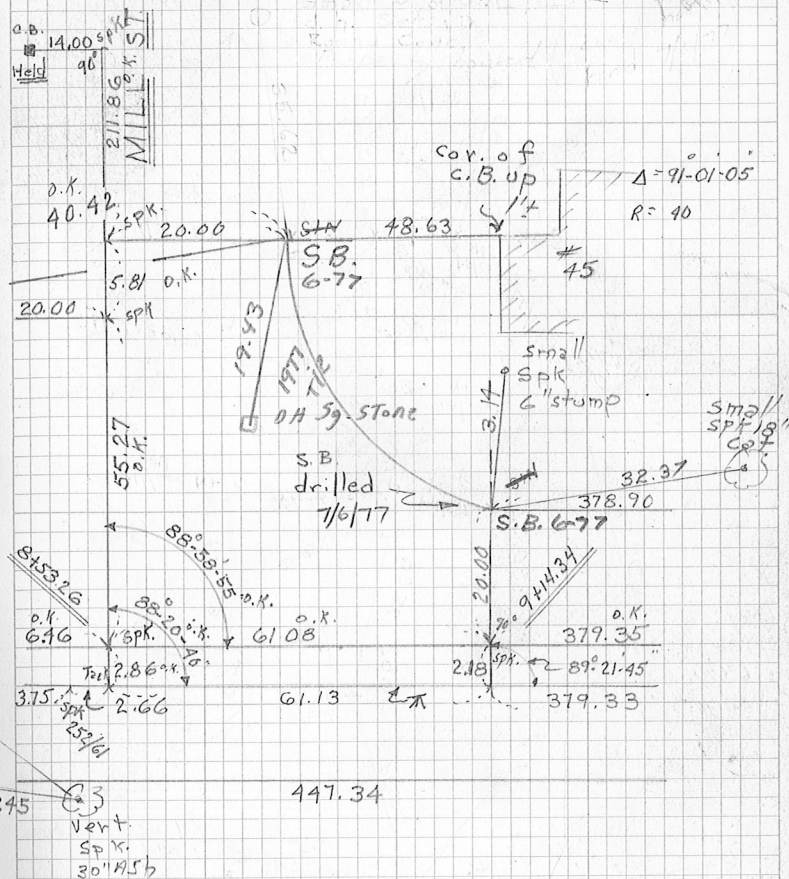
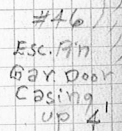
S.B. drilled
7/6/77

8.2

#48

Esc. Pin
on line in
window sill

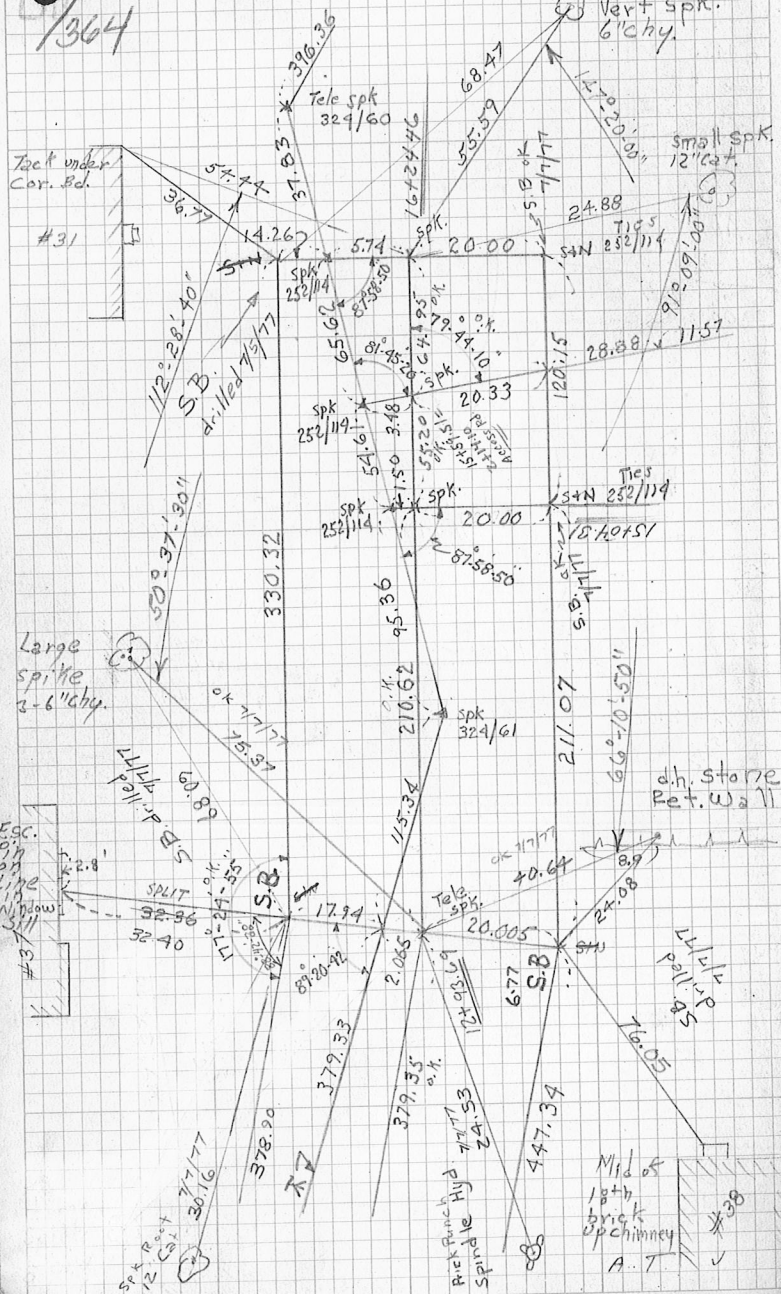
A.T. ✓



A. T. ✓

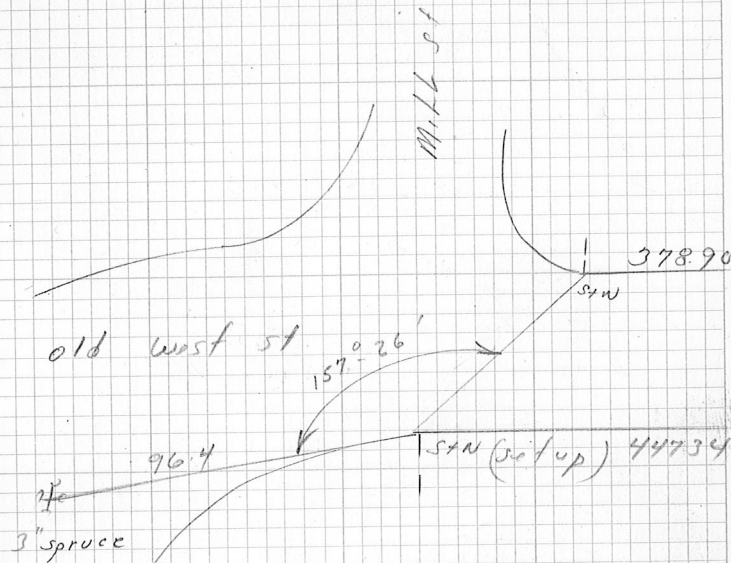
6 Old West St. Foxboro

1364



Old West St. Foxboro July 1973

Location of Tree



8/364

Inst.

Tape

Wthr & Temp.

Date

Crew /

Inst.

Tape

Wthr & Temp.

Date

Crew

9

100 OLD WEST ST. ≈ FOXBORO

CROSS-SECTIONS ≈ APRIL 1972

Simpson
Anderson
Ferrante
Hyland

Note: Cross-sections station

+ 0.14

191.21

+ 4.00

184.45

2K.	on	AT	ETW.	ETW.
21.5	20	19.5	13.5	5.5
3.5	3.1	3.6	4.1	4.4
181.0	181.4	180.9	180.4	180.1

1x1' conc. culvert INV.
And Brook Profile Left Aft.

2+86

See locations

on Brook

N.B. 324 P. 22

1x1' conc. INV. left

2+93

Edge	Brook	Bot. on Brook	on	AT	ETW.	ETW.
37.0	40	33.5	32	28.5	28.5	27
5.0	9.6	10.3	10.5	10.4	6.6	5.1
175.7	174.9	174.2	174.0	174.1	177.9	177.9

INV. 20" conc. culvert

Bot. of Brook Profile Left

3+02

INV.	on	AT	ETW.	ETW.
28	27	20	13.5	6.5
10.72	6.6	5.7	5.9	5.9
173.73	177.9	177.9	178.3	178.6

0+0 - 2+0 N.B. 353 Pages 74-78

191.07 B.M. R.O.C. Bottom Conc.
step to Hse #63 353/3
(Sta. 1+20; 60 ft. Lt. Old West St.)

-10.76

180.45

T.P. Spike in stump
2+70 5' R.T.

0	ETW.	AT	stone Ret.	on	Bot. of Back	Field
4.5	4.4	4.1	5.2	5.2	8.2	9.3
180.0	180.1	180.4	179.3	179.3	176.3	175.2

50	40	35.5	30	20	ETW.	ETW.	0
10.1	10.2	11.00	7.8	5.2	5.5	5.4	5.5
174.4	174.3	173.45	176.7	179.3	179.0	179.1	179.0

1x1' conc. culvert

INV.

33

10.63

7.7

5.3

5.6

5.6

5.7

173.82

176.8

179.2

178.9

178.9

178.8

ETW.	AT on	on	Bot. of Ret	20	30	40	50	60
5.9	5.9	6.1	6.6	9.1	11.1	11.7	12.1	11.9

178.6	178.6	178.4	177.9	175.4	173.4	172.8	172.4	172.3	172.6
-------	-------	-------	-------	-------	-------	-------	-------	-------	-------

0	2.5	9	10	11.5	13	13	20	30
5.9	5.8	6.0	6.1	9.55	9.53	11.45	12.1	12.2
178.6	178.7	178.5	178.4	174.90	174.92	173.00	172.4	172.3

40	50	75	100
12.6	13.2	13.9	14.2
171.9	171.3	170.6	170.3

- 5.37

179.08

B.M. R.O.C. Bot.
Conc. step #52
353/3

SK

120LD WEST ST. ~ FOXBORO

1/364 + 487

Gross						
3425	60	50	40	30	20	ETW
	4.5	5.0	5.5	5.6	5.4	5.7
	179.5	179.0	178.5	178.4	178.6	178.3
						178.4

Gross						
3450	60	50	40	30	20	ETW
	3.8	4.9	5.2	5.4	5.3	5.6
	180.2	178.1	178.8	178.6	178.7	178.4
						178.2

Dirt Dr. Ash Bk. Left
+ Conc. Gar FL Elev. #55

3472	60	50	40	30	20	ETW
	2.0	2.8	3.2	3.8	4.2	5.8
	182.0	181.2	180.8	180.2	179.8	178.2

440	60	50	40	30	20	ETW
	2.0	2.8	3.2	3.8	4.2	5.8
	182.0	181.2	180.8	180.2	179.8	178.2

4450	60	50	40	30	20	ETW
	71.6	70.9	70.2	71.4	70.6	72.4
	185.6	184.9	183.8	182.6	183.4	181.6
						179.0

540	60	50	40	30	20	ETW
	72.6	71.9	71.6	70.3	70.0	73.7
	186.6	185.9	185.6	184.3	182.0	180.3

+ 11.24

Gross						
5426	50	40	30	20	10	ETW
	1.9	3.5	4.9	6.4	7.7	8.3
	181.0	185.4	184.0	182.5	181.5	180.6

Gross						
5431	60	50	40	30	20	ETW
	8.5	8.6	8.4	9.4	10.1	10.3
	180.4	180.3	180.5	179.5	178.8	178.6

CROSS-SECTIONS ~ APRIL 1972

179.08 B.M. Pg. 11

0	1	4.5	8	9	10	15	20	30	40	50	60
5.8	5.7	5.2	6.1	6.1	8.1	9.4	10.1	10.7	11.2	12.1	
178.2	178.3	178.8	177.9	177.9	175.9	174.6	173.9	173.3	172.8	171.9	

0	3	8	9	10	15	20	30	40	60
6.0	5.9	5.6	5.1	6.9	8.5	8.9	10.0	10.6	11.0
178.0	178.1	178.4	178.9	177.1	175.5	175.1	174.0	173.4	173.0

0	3	8	9	10	15	20	30	40	60
6.0	5.9	5.6	5.1	6.9	8.5	8.9	10.0	10.6	11.0
178.0	178.1	178.4	178.9	177.1	175.5	175.1	174.0	173.4	173.0

0	3	8	9	10	15	20	30	40	60
6.0	5.9	5.6	5.1	6.9	8.5	8.9	10.0	10.6	11.0
178.0	178.1	178.4	178.9	177.1	175.5	175.1	174.0	173.4	173.0

0	3	8	9	10	15	20	30	40	60
6.0	5.9	5.6	5.1	6.9	8.5	8.9	10.0	10.6	11.0
178.0	178.1	178.4	178.9	177.1	175.5	175.1	174.0	173.4	173.0

0	3	8	9	10	15	20	30	40	60
6.0	5.9	5.6	5.1	6.9	8.5	8.9	10.0	10.6	11.0
178.0	178.1	178.4	178.9	177.1	175.5	175.1	174.0	173.4	173.0

- 6.28

177.67 B.M. Spike in Pole 1996/23
353/3

0	3	8	9	10	15	20	30	40	50	60
8.4	8.6	8.3	9.2	10.1	10.3	10.2	10.2	10.2	10.2	10.2
180.5	180.3	180.6	179.7	178.8	178.6	178.7	178.7	178.7	178.7	178.7

6K

14 OLD WEST ST. ≈ FOXBORO

1364

188.91

change in Grade of
Ret. Wall left

5+32	50	30	20	RK	on	AT	ETW
	1.9	4.7	5.9	6.55	6.62	7.9	8.3
	187.0	184.2	183.0	182.36	182.29	181.0	180.6

5+50	40	30	20	RK	on	AT	ETW	ETW
	2.8	4.2	5.6	6.42	6.46	7.9	8.4	8.3
	186.1	184.7	183.3	182.19	182.15	181.0	180.5	180.6

Sill #53.
1.51
0.46
188.45

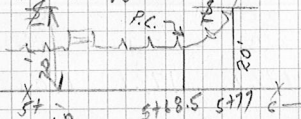
Ground at House
51
2.1
186.8

+ 9.52

3 conc. steps Left.	50	30	20	15.5	15
	0.7	2.9	4.1	4.81	4.83
	186.5	184.3	183.1	182.38	182.36

Bit Dr. Right

5+67	0	ETW	10	20	30	40
	6.8	7.0	6.9	7.9	8.7	9.1
	180.4	180.2	180.3	179.3	178.5	178.1



Ret. Wall left

5+68.5	50	30	20	RK	on	AT	ETW	ETW
	1.4	3.0	4.2	4.69	4.68	6.2	6.8	6.7
	185.8	184.2	183.0	182.50	182.51	181.0	180.4	180.5

see sketch

5+77	on	on	on	on	ETW	ETW
	2.39	3.15	4.01	4.78	6.8	6.8
	184.80	184.64	183.18	182.44	180.4	180.4

5+77	50	40	30	20	ETW	ETW
	2.7	3.7	4.6	5.4	6.8	6.8
	184.5	183.5	182.6	181.8	180.4	180.4

CROSS-SECTIONS ≈ APRIL, 1972

ETW	ETW	8	20	30	40	50
0	6.5	8.3	9.4	10.1	10.3	10.2
180.4	180.3	180.6	179.5	178.8	178.6	178.7

ETW	7	9.5	20	30	40	50	57
0	8.5	8.6	8.3	9.4	10.2	10.3	10.5
180.4	180.3	180.6	179.5	178.7	178.6	178.4	178.3

at 100' Edge Bit. Wk.

- 11.24 177.67 B.M. Spk. in Pole
Page 13

AT 2nd	on 2nd	AT 2nd	on 1st	at 1st	ETW	ETW	0
15	14	14	13	13	10	2.5	0
5.58	5.54	6.16	6.18	6.4	6.8	6.6	6.7
181.69	181.65	181.03	181.01	180.8	180.4	180.6	180.5

50	60	70	87.5
9.3	9.5	9.8	10.4
177.9	177.7	177.4	176.8

ETW	7	10	20	30	40	50
0	6.8	7.1	6.9	7.9	8.8	9.2
180.7	180.1	180.3	179.3	178.4	178.0	177.8

ETW	7	10	20	30	40	50	60
0	6.9	7.2	7.0	7.9	9.0	9.3	9.6
180.3	180.0	180.2	179.3	178.2	177.9	177.6	177.2

same as above

SK

1600 WEST ST. ~ FOXBORO

364

Dirt Dr. Ask
Back test
5497

	75	60	50
	1.9	2.7	3.7
Edge	185.3	184.5	183.5
on Dirt Dr. →	ETW	ETW	
	30	20	10
	6.1	6.6	7.8
	181.1	180.6	179.4

	60	50	43	30	20	10	2
6x0	2.6	3.5	5.4	6.1	6.6	7.8	7.7
	184.6	183.7	181.8	181.1	180.6	179.4	179.5
on end of stone ret wall Left	on	on	on	on	on	on	on
6x17.5	58.5	50	42	30	20	10	2
	3.8	2.7	2.1	2.8	3.2	3.7	3.7
AT Garage	183.4	182.5	180.1	179.4	178.5	178.5	178.5
6x17.5	58.5	50	42	30	20	10	2
	8.6	8.0	7.6	7.6	7.6	7.6	7.6
	178.6	179.2	179.6				

Dirt Dr. left and
Elev. on Dirt Floor of Gar.
6x23

Dirt Floor
58
9.1
178.1

Bit. Dr. Right	0	ETW	10	20	30
6x33	9.7	9.7	9.7	10.5	10.8
	177.5	177.3	177.5	176.7	176.4

	60	50	40	30	20	ETW	ETW
6x50	9.6	9.6	10.0	10.0	9.9	10.1	10.2
	177.6	177.6	177.2	177.2	177.3	177.1	177.0

1 Conc. step and
Platf. and sill #48
Right

	0	ETW	10	20	30	40	ETW
6x57	10.6	10.5	10.3	10.6	10.8	10.8	11.4
	176.6	176.7	176.9	176.6	176.4	176.4	175.8

CROSS-SECTIONS ~ APRIL 1917

← Dirt Dr. →	ETW	ETW	0
40	30	20	11
4.5	5.4	6.2	7.4
182.7	181.8	181.0	179.8

0	ETW	10	20	30	40	50	60
7.8	8.1	7.3	8.5	7.8	10.2	10.4	10.8
179.4	179.1	179.4	178.7	177.4	177.0	176.8	176.4

ETW	0	ETW	10	20	30	40	50	60
3	8.9	9.0	8.7	9.3	10.5	10.9	11.0	11.1
178.4	178.3	178.2	178.5	177.9	176.7	176.3	176.2	176.1

same as above

on	← Drive	ETW	ETW	0
50	40	30	20	10.5
8.3	8.2	8.3	8.8	9.0
178.9	179.0	178.9	178.4	178.2

Dr.	40	50	60	69
11.1	11.2	11.2	11.2	11.2
176.1	176.0	176.0	176.0	176.0

Edge	Edge	Ground #48
Bit. Wk	Bit. Wk	at House
0	ETW	10
10.5	10.5	10.2
176.7	176.7	177.0
AT 1st on bit on 1st	AT 1st	AT 1st
54	54	55
11.4	10.51	10.52
175.8	176.28	176.67
-5.53	181.66	T.R. 2.05
		Dot Conc. Step
		49

180LD WEST ST. ≈ FOXBORO

364 + 2.57

184.23

Cultivated Garden → ETW							ETW
60	50	40	30	20	15	6	
740	7.0	7.2	7.4	7.4	7.1	7.4	7.6
	177.2	177.0	176.8	176.8	177.1	176.8	176.6

7446 Catch Basin Right		Rim C.B.	
	0	3	
	8.1	8.03	
	176.1	176.20	

Grass → ETW					ETW	ETW
60	50	40	30	20	7.4	7.5
7450	6.9	7.2	7.0	6.9	7.1	7.5
	177.3	177.0	177.2	177.3	176.1	176.8

Bit Dr. Left			Bit Dr. Right		
	8.1	7.0		6.0	
7471	5.0	4.9		4.9	
	179.2	179.3		179.3	

Bit Dr. Rt. ETW					
7480.5	0	4.5	10	20	30
	7.9	7.9	7.7	7.7	7.7
	176.3	176.3	176.5	176.5	176.5

1 conc. step and plots. and sill #49 left		Sill #49		B.K. Plots		ATTBTS	
	55.5			55.5	51.5	51.5	
7494	2.32			1.88	1.95	2.60	
	181.91			182.35	182.38	181.63	

+ 6.03

Ground at Hse		Grass		ETW		ETW
840	55.5	50	40	30	20	2
	2.4	2.4	3.1	3.9	5.0	6.4
	180.7	180.7	180.0	179.2	178.1	176.7

Rim of Cesspool Right		Grass		ETW		ETW
8403	0	10	20	30		
	6.6	6.8	6.5	6.7	6.7	
	176.5	176.3	176.16	176.4	176.4	

CROSS-SECTIONS ≈ APRIL, 1972 19

T.P. 181.66 Page 17

Grass							ETW
0	10	20	30	40	50	60	
78	7.8	7.5	8.2	8.8	9.2	9.5	9.6
176.9	176.4	176.7	176.0	175.4	175.0	174.7	174.5

ETW							ETW
0	2	4	10	20	30	40	50
8.0	8.1	7.6	7.9	8.6	8.9	8.9	8.7
176.2	176.1	176.6	176.3	175.6	175.3	175.3	175.5

Bit Dr.			ETW		
	5.0	4.0		3.0	2.0
4.9	5.3	5.7		6.7	7.3
179.3	178.9	178.5		177.5	176.9

Bit Dr. End					ETW
50	60	70	80	100	102
7.3	7.1	6.8	6.9	7.3	7.4
176.9	177.1	177.4	177.3	176.9	176.8

on Bit		Grass		ETW		ETW
50.5	50.5	40	30	20	10	3
2.61	3.3	3.4	4.2	4.9	5.9	7.7
181.62	180.9	180.8	180.0	179.3	178.3	176.8

Grass							ETW
0	7	10	20	30	40	50	60
6.7	6.9	6.5	6.7	6.6	6.6	6.2	5.7
176.4	176.2	176.6	176.4	176.5	176.5	176.9	177.4

Rimcesspool			Grass			ETW		
40	50	54	10	20	30	40	50	60
6.6	6.8	5.86	6.5	6.7	6.7	6.5	6.2	5.7
176.5	176.9	177.21	176.16	176.4	176.4	176.5	176.9	177.4

SK

1364

Page 18 183.07

1 comp. stop and
plate. and still #46 right

8+08	^{87W} <u>0</u>	<u>8</u>	<u>10</u>	<u>20</u>	<u>40</u>	<u>50</u>	<u>60</u>
	6.5	6.7	6.5	6.8	6.6	6.2	5.8
	176.6	176.4	176.6	176.3	176.5	176.9	177.3

on and At
Stone and Conc.
capped Ret. Wall 2 ft.

8436

8436

$$\begin{array}{r} 50 \\ \hline 4.5 \end{array} \quad \begin{array}{r} 40 \\ \hline 5.3 \end{array} \quad \begin{array}{r} 27 \\ \hline 6.3 \end{array} \quad \begin{array}{r} 20 \\ \hline 6.4 \end{array} \quad \begin{array}{r} 9 \\ \hline 6.3 \end{array} \quad \begin{array}{r} 0 \\ \hline 6.4 \end{array}$$

Same as

Dirt Dr. and
conc. Floor Elev. & T.W.
8442 Right 0

842

ETW.	ETW.	ETW.	ETW.	ETW.	ETW.
<u>0</u>	<u>8</u>	<u>10</u>	<u>20</u>	<u>30</u>	<u>40</u>
6.4	6.8	6.8	6.5	6.7	6.8
176.7	176.3	176.3	176.6	176.4	176.3

	on Mill St. Bit.						ETW
8+50	<u>60</u>	<u>50</u>	<u>40</u>	<u>30</u>	<u>20</u>	<u>10</u>	<u>0.5</u>
	4.4	4.8	5.2	5.6	5.9	6.2	6.2
178.7	178.3	177.9	177.5	177.2	176.9	176.9	
	For Continuation of						.

Sketch for cross-sections
on Mill St.

Simpson
Anderson
Ferrante
Hyland

7 Sil #46

Atandon Bit w/5.	onBit at 1st step	on 1st	at plate	on plate	8K plate
66.5	70	70	71	71	74
5.4	5.3	4.74	4.74	4.10	4.07
177.7	177.8	178.33	178.33	178.97	179.00

178.53

ETW	10	20	30	40	07	07	07
8	10	20	30	40	41.5	50	60
6.8	6.9	6.7	6.9	6.8	6.91	6.43	6.18
176.3	176.2	176.4	176.2	176.3	176.16	176.67	176.89
					AT	AT	AT
above					41.5	50	60
					6.91	7.4	7.8
					176.16	175.7	175.3

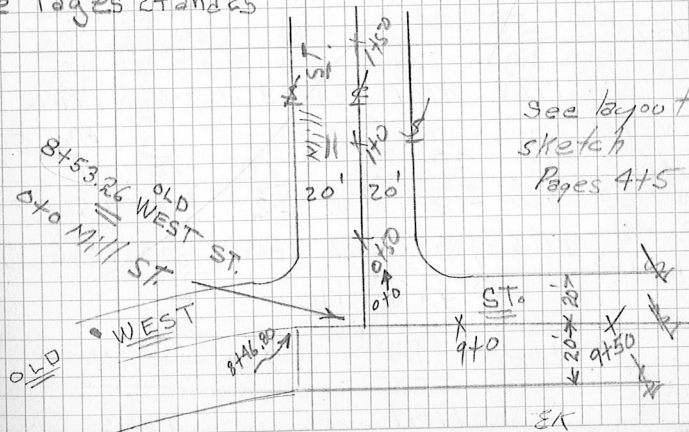
Dr.

Dr. $\xrightarrow{\text{At 10% Conc. Floor of Gasr}}$

<u>50</u>	<u>60</u>	<u>70</u>	<u>75.5</u>
76	7.9	8.2	8.11
175.5	175.2	177.9	174.96

ETW	ETW	ETW	ETW	ETW	ETW	ETW
0	2	20	30	40	50	60
6.4	6.8	6.5	6.9	6.9	6.9	7.0
176.7	176.3	176.6	176.2	176.2	176.2	176.1
Regular	OLD WEST	ST.	X-sections			

see Pages 24 and 25



CROSS-SECTIONS ON

See Sketch

Mill St.

0+0

	60	50	40	30	20	10
	6.6	6.6	6.5	6.5	6.4	6.4
	176.5	176.5	176.6	176.6	176.7	176.7

on OLD WEST

Mill St.

0+25

	60	50	40	30	20	10
	3.9	4.2	4.5	5.1	6.3	6.2
	179.2	178.9	178.6	178.0	176.8	176.9

Gross

ETW.

on site

Mill St.

0+50

	50	40	30	20	10	ETW.
	2.9	3.3	3.6	4.2	5.2	1.5
	180.2	179.8	179.5	178.9	177.9	178.4

on Gross

ETW.

ETW.

Mill St.
Dirt Dr. Rt.

0+55

	0	8	10	20	30
	4.6	4.8	4.6	3.5	3.2
	178.5	178.3	178.5	179.6	179.9

ETW.

Dirt Dr.

Mill St.

0+75

	50	40	30	20	ETW.	ETW.
	3.3	3.4	3.3	3.7	3.9	4.0
	179.8	179.7	179.8	179.4	179.2	179.1

Gross

ETW.

ETW.

Mill St.

1+0

	40	30	25	20	15	10	ETW.	ETW.
	3.5	2.3	1.4	2.2	2.6	4.5	4.1	

Gross

ETW.

ETW.

60	50	40	30	20	10	ETW.	ETW.
4.2	4.1	179.6	180.8	181.7	180.9	180.5	178.6
178.9	179.0						179.0

Profile

1+50	ETW.
	4.4
	178.7

2+0	ETW.
	3.8
	179.3

Mill

St.

Bot. Page 21

St. Bituminous

	0	10	20	30	40	50	60
	6.4	6.3	6.2	6.1	5.9	5.7	5.5
	176.7	176.8	176.9	177.0	177.2	177.4	177.6

ETW.

on Bit

ETW.

Gross

	0	10	20	25	30	40	50	60
	5.6	5.5	5.9	5.7	5.4	5.2	4.4	3.5
	177.5	177.6	177.2	177.4	177.7	177.9	178.7	179.6

ETW.

	0	10	20	30	40	50	60
	4.7	5.1	3.9	3.3	2.6	2.2	2.0
	178.4	178.0	179.2	179.8	180.5	180.9	181.1

End Drive

43

2.4

180.7

Bot.

Top Slope

	0	ETW	10	20	30	Gross	40	50	60
	4.1	4.5	1.9	2.9	4.3	5.3	5.7	4.9	
	179.0	178.6	180.2	180.2	178.8	177.8	177.7	178.2	

	0	ETW	10	20	30	Gross	40	50	60
	4.1	4.3	4.3	6.2	6.6	6.5	6.4	6.0	
	179.0	178.8	178.8	176.9	176.5	176.6	176.7	177.1	

2+50	ETW.
	3.4
	179.7

3+0	ETW.
	1.7
	181.4

EK

24 OLD WEST ST. ~ FOXBORO

Page 22 183.07

Continuation of OLD WEST

9+0	60	50	40	30	20	13	ETW 10.5	ETW 5.8
2.7	2.0	2.4	3.0	4.1	4.9	4.9	5.9	5.8
180.4	181.1	180.7	180.1	179.0	178.2	177.2	177.2	177.3

+ 1.45

183.16



Bit. Dri. Right	0	ETW 8	10	20	30	40
9+08.5	5.7	6.0	5.9	6.1	6.6	6.7
	177.5	177.2	177.3	177.1	176.6	176.5

1 Conc. Step and Plats. #44	9+38	ETW 8	10	20	30	40
	5.6	6.1	5.7	6.0	6.2	6.3
	177.6	177.1	177.5	177.2	177.0	176.9

1 Conc. Step and Grav. Plats. #45	9+40.5	ETW 8	10	20	30	40
	5.6	6.1	5.7	6.0	6.2	6.3
	177.6	177.1	177.5	177.2	177.0	176.9

Ground at House	9+50	Grass	ETW
	3.4	30	8
	1.8	2.2	5.6
	181.4	181.0	177.6

CROSS-SECTIONS ~ APRIL, 1972

ST. X-Sections From Pages 20-21

0	ETW 10	20	30	40	50	60
5.8	6.1	6.2	6.6	6.8	7.0	7.0
177.3	177.0	176.9	176.5	176.3	176.1	176.1

-1.37

B.M. L.O.C. Bot. Conc. Step
to House #45 181.70
113.353 p. 2+3 USE 181.71

50	60	80	99.5
6.7	6.7	6.8	7.0
176.5	176.5	176.9	176.2

50	60	65.5	69	69	70	70	73.5	77.5
6.4	6.5	6.7	6.8	6.12	6.12	5.98	5.98	5.83
176.8	176.7	176.5	176.4	177.04	177.04	177.68	177.68	177.33

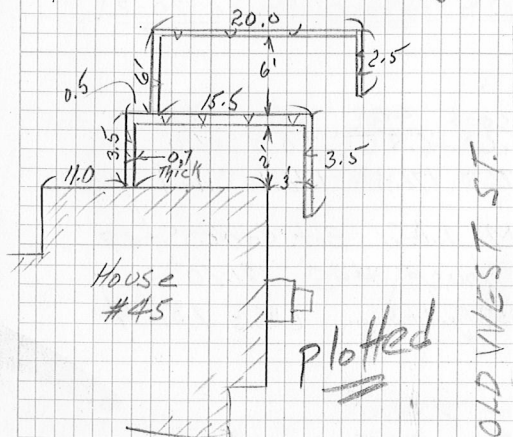
50	60	30	20	10	ETW 8	ETW 0
3.1	3.1	3.0	3.2	5.4	5.8	5.7
181.70	181.1	180.9	180.0	177.8	177.4	177.5

BTW	ETW	Grass	ETW
0	8.5	10	8
5.9	6.4	5.9	5.8
177.3	176.8	177.3	177.4

26 OLD WEST ST. ~ FOXBORO

Location of Ret. Walls
off of House #45
conc. Block Ret. walls

Page 103.16

[illegible]

0.11 AT
Ref wa // Let's on on on

9+58	<u>45</u>	<u>40</u>	<u>31</u>	<u>30</u>	<u>20</u>	<u>10</u>	<u>8</u>
	2.04	2.02	1.88	3.1	4.4	5.8	6.4
	181.12	181.14	181.28	180.1	178.8	177.4	176.8

9758

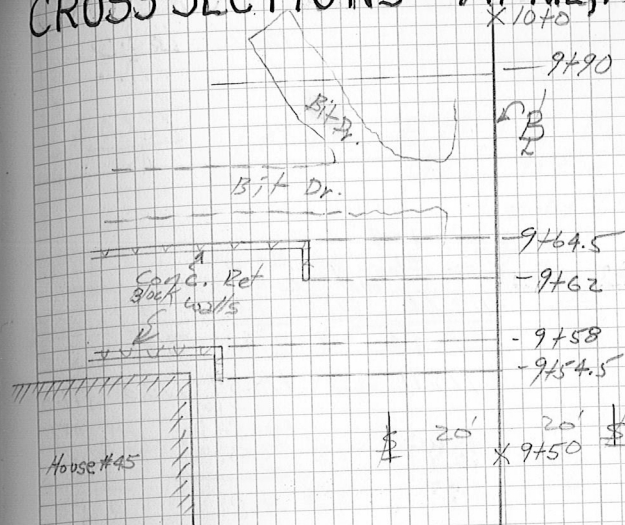
AT	AT	AT
<u>45</u>	<u>40</u>	<u>31</u>
3.9	3.6	3.0
179.3	179.6	179.8

SAME AS ABOVE

begin Ret wall	177.2	177.8	178.0	178.1	178.2	178.3
40	30	27.0	26.5	20	10	5.0
4.0	3.9	4.14	4.15	5.1	5.8	6.4
178.2	178.3	179.02	179.01	178.1	178.4	178.8

	on	on	on	on	on	on
on at Retwa/lost	45	40	30	26.5	20	10
9+64.5	178.96	178.95	178.96	178.96	177.9	177.2
	AT	AT	AT	AT		
	4.5	4.0	3.0	2.5		
9+64.5	6.2	6.0	5.7	5.1		
	177.0	177.2	177.5	178.1		

CROSS-SECTIONS $\approx$ APRIL, 1972 27

 $\times 10^4$ 

$\frac{E_{Tw}}{A}$	$\frac{E_{Tw}}{A}$	$\frac{E_{Tw}}{A}$	$\frac{E_{Tw}}{A}$	$\frac{E_{Tw}}{A}$	$\frac{E_{Tw}}{A}$	$\frac{E_{Tw}}{A}$
0	9	20	30	40	50	60
6.0	6.5	5.9	6.3	6.5	6.6	6.8
177.2	176.7	177.3	176.9	176.7	176.6	176.4

$\frac{1}{2}$ T.W.	ETW.	20	30	40	50	60
0	9	5.9	6.4	6.6	6.7	6.7
6.1	6.6					
177.1	176.6	177.3	176.8	176.6	176.5	176.3

① Same as above

\$T.W.	\$T.W.					
0	<u>9</u>	<u>20</u>	<u>30</u>	<u>40</u>	<u>50</u>	<u>60</u>
6.2	6.6	6.1	6.3	6.6	6.8	6.8
177.0	176.6	177.1	176.9	176.6	176.4	176.4
\$T.W.	\$T.W.					

	EW					
0	$\frac{9}{6.7}$	$\frac{20}{6.3}$	$\frac{30}{6.4}$	$\frac{40}{6.6}$	$\frac{50}{6.9}$	$\frac{60}{6.8}$
177.0	176.5	176.9	176.8	176.6	176.3	176.7
0						

EK

280 OLD WEST ST. ~ FOXBORO

Page 26 183.16

+ 4.01

181.05

Bit Dr.
Left
9775

At 1001 Gar Floor level	At 1001 conc. appn	70	60
76	73.5	70	60
2.34	2.48	2.8	3.6
178.71	178.57	178.3	177.5
	Bit on edge Bit Dr.	At 1001 Edge Bit Dr.	
	30	30.5	
	4.8	4.8	
	176.3	176.3	

1040	60	50	40	30	20	13	9	ETW
	4.2	5.7	6.2	6.4	6.5	6.1	4.9	6.5
	176.9	175.4	174.9	174.7	174.6	173.0	176.2	175.9

Bit Dr. Ask. Ahead Rt.	ETW	ETW	10	20	30	40	50
10413	0	7.5	10	20	30	40	50
	5.1	5.4	5.3	5.0	5.0	5.0	5.1
	176.0	175.7	175.8	176.1	176.1	176.1	176.0
conc. stop and Plats. and sill to #42	ETW.	ETW.	10	20	30		
10447	0	8.5	10	20	30		
Right	5.2	5.3	5.3	5.0	5.1		
	175.9	175.8	175.8	176.1	176.0		

10450	50	40	30	20	15	10	ETW
60	8.0	7.6	7.3	7.0	6.3	5.2	5.3
8.4							
	172.7	173.1	173.5	173.8	174.1	174.8	175.8

CROSS-SECTIONS-APRIL, 197229

Simpson
Anderson
Genitti
Hyland

-6.11 177.05 B.M. 1.01 Bot. Conc.
step to use #44

Use 177.04

353/22nd 3

Bit Dr.	ETW	ETW	ETW	ETW	ETW	ETW	ETW
50	40	30	20	10	7	0	
4.4	4.5	4.5	4.6	4.5	4.7	4.5	
176.7	176.6	176.6	176.5	176.6	176.4	176.6	
Bit Dr.	ETW	ETW	ETW	ETW	ETW	ETW	ETW
28	26	20	10	6	0		
5.0	5.9	5.9	5.2	5.0	4.8		
176.1	175.2	175.2	175.9	176.1	176.3		

ETW	ETW	ETW	ETW	ETW	ETW	ETW	ETW
0	8	10	20	30	40	50	60
5.0	5.2	4.9	4.7	5.1	5.4	5.7	6.0
176.1	175.9	176.2	176.4	176.0	175.7	175.0	175.1

Bit Dr.	ETW	ETW	ETW	ETW	ETW	ETW	ETW
60	70	83.5					
5.1	5.1	5.1					
176.0	176.0	176.0					
Bit Dr.	ETW	ETW	ETW	ETW	ETW	ETW	ETW
40	50	63.5					
5.2	5.2	5.1					
175.9	175.9	176.0					
Bit Dr.	ETW	ETW	ETW	ETW	ETW	ETW	ETW
71	3.86						
	177.19						

ETW	ETW	ETW	ETW	ETW	ETW	ETW	ETW
0	9	20	30	40	50	60	
5.2	5.3	5.0	5.2	5.2	5.3	5.3	
175.9	175.8	176.1	175.9	175.9	175.8	175.8	SK

30 OLD WEST ST. ≈ FOXBORO

11364

Catch Basin left
10 + 60.5

INV. 8" Corr. Pipe
and 4" Profiled &
Drainage ditch
10 + 72.5 Right

Ground At House		ETW		ETW		ETW		ETW		ETW	
1140	47	40	30	20	10	7	4.9	4.6	4.3	4.4	4.8
	176.2	176.5	176.8	176.7	176.3	176.0					
Sill/HH		BK 1/5		on 1/5		at 1/5		ETW		ETW	
46.5		46.5		43.5		43.5		7		0	
11408.5 Left		4.30		3.89		4.49		4.9		4.7	
176.75		177.16		177.16		176.56		176.2		176.4	

+ 2.77

Bit Dr.
Left
11437

182.80
↑
END
60.5
7.5
175.3

ER bit Dr.

Edge bit Dr.

Dr. Rt		ETW		ETW		ETW		ETW		ETW	
11450	47.5	40.5	30	20	10	7	5.4	5.7	5.4	4.0	4.7
edge Dr.	54.5	175.9	176.2	177.0	177.2	177.1	177.0				
7.2		175.6									
11455		0		7		10		17		20	
5.4		5.7		5.4		4.0		4.7		6.6	
177.4		177.1		177.4		178.0		178.1		176.2	

CROSS-SECTIONS ≈ APRIL, 1972 31

Note: This Pipe is evidently
below the water level but
believe this to be the invert

IN Brook		IN Brook		IN Brook		IN Brook		Top Edge Brook	
30	50	75	100	30	40	50	56.5		
10.0	10.6	10.8	10.7	8.0	8.2	8.7	8.8		
171.1	170.5	170.3	170.4	173.1	172.9	172.4	172.3		
on Bit Dr.		on Bit Dr.		on Bit Dr.		on Bit Dr.		on Bit Dr.	
4.9	5.3	6.3	8.0	4.7	4.3	4.4	4.5	4.9	4.7
176.2	175.8	174.8	173.1	176.4	176.8	176.7	176.6	176.2	176.4

- 1.02

180.03 T.P. Spike in pole #18

Edge bit Dr.		ETW		ETW		ETW		ETW	
50	40	30	20	10	6.5	0	5.8	5.8	5.8
7.0	6.6	6.3	6.3	6.0	6.0	6.0	6.0	6.0	6.0
175.8	176.2	176.5	176.5	176.8	176.8	176.8	176.8	176.8	176.8

ETW		ETW		ETW		ETW		ETW		ETW	
0	9	17	20	22	26.5	36	40	50	60	9.1	10.1
5.5	5.8	4.5	5.1	5.5	6.7	8.0	8.4	9.1	10.1	177.3	177.7
177.3	177.0	178.3	177.7	177.3	176.1	174.8	174.4	173.7	172.7		

Edge bit Dr.		on Dr.		End Dr.	
34	40	50	56.5		
7.9	8.3	8.8	9.1		
174.9	174.5	174.0	173.7		

EC

32 OLD WEST ST. ~ FOXBORO

1364

Mid of Page 30 182.80

Bit Dr. Rt. and
Gar. Floor Elev. E.T.W.

52 F. Floor Elev. & T.W.	ETW	←	£ Bit Dr.	→		
11#13	<u>0</u>	<u>9</u>	<u>15</u>	<u>20</u>	<u>30</u>	<u>40</u>
	5.0	5.1	5.3	5.8	7.0	7.8
	177.8	177.7	177.5	177.0	175.8	175.0

Bit Dr. Left

←	80	70	60	→
	6.4	6.2	6.1	
	176.4	176.6	176.7	

	Dis	on	AT	ETW
12+0	$\frac{40}{2.8}$	$\frac{30}{2.8}$	$\frac{20}{3.2}$	$\frac{16}{3.1}$
	13.5	8	11	7.5
	3.0	0	4.3	4.9
	180.0	180.0	179.6	179.7
	179.8	178.5	177.9	

60	50
3.9	3.6

179.1 179.2

1 Conc. Plats.
and Sill to #38 Right

ETW	ETW	10	20	30	40
0	1				
4.8	5.0	4.4	4.8	7.0	7.5
178.0	177.8	178.4	178.0	175.8	175.3

Bit Dr.

Left	End	EDR	ETW					
12+50	66	50	40	30	20	15	9	1.5
	3.0	3.4	3.6	3.8	4.1	4.3	4.6	4.6
	179.8	179.4	179.2	179.0	178.7	178.5	178.2	178.2

1 conc. step and Plats. and Sill #37	ETW	ETW	10	20	30	40	50	60
12+82	53	53	49.5	49.5	48.5	48.5		
	2.60	2.41	2.43	3.05	3.06	3.3		
	180.20	180.39	180.37	179.75	179.74	179.5		

Ground At House	ETW	ETW	10	20	30	40	50	60
13+0	52	3.3	3.4	3.5	3.7	3.8	4.2	4.0
	179.5	179.4	179.3	179.1	179.0	178.6	178.8	

CROSS-SECTIONS ~ APRIL, 1972 33

At top conc. Apron	on conc. Apron	Gar. Floor
47.5	49.5	50.5
7.86	7.78	7.78
174.50	174.94	175.02

←	ETW	ETW	10	20	30	40	50	60	→
	5.9	5.7	5.4	5.1	5.0	7.5	7.5	7.5	
	176.9	177.1	177.4	177.7	177.8	177.8	177.8	177.9	

ETW	ETW	10	20	30	40	50	60
0	1.5						
4.7	5.0	4.2	3.7	6.8	7.6	7.6	7.6
178.1	177.8	178.6	178.1	176.0	175.2	175.2	175.2
		on Edge Bit Wk.			Ground At House		
		4.5			50.5		
		7.5			7.6		
		175.3			175.2		

Edge Bit Wk	on Bit At Plats.	on Plats.	BR Plats.	Sill of House #38
42.5	47.5	47.5	51.0	175.41
7.5	7.6	6.98	6.98	
175.3	175.2	175.82	175.82	

ETW	ETW	10	20	30	40	50	60
0	6.5						
4.6	4.9	4.2	6.3	8.4	8.8	9.9	10.9
178.2	177.9	178.6	176.5	174.4	174.0	172.9	171.9

At top Edge Bit Wk.	ETW	ETW	10	20	30	40	50	60
43	40	30	20	10	8.5	2.2	0	
3.5	3.4	3.4	3.5	3.9	4.2	4.2	4.2	
179.3	179.4	179.4	179.3	178.9	178.6	178.6	178.6	

ETW	ETW	10	20	30	40	50	60
0	4.1	4.7	3.6	5.9	7.5	8.9	10.2
178.7	178.7	178.1	179.2	176.9	175.3	173.9	172.6

34 OLD WEST ST. ≈ FOXBORO

1364

Top of page 32. 182.80

+3.65

183.38

At end ON
Stone Let. Aslew
wall Right
13+17

	60	50	40	30	20	ETW	ETW
	4.3	4.3	4.3	4.3	4.4	5.0	4.7
on wall	179.1	179.1	179.1	179.1	179.0	178.4	178.7
13+17	Same as above						

	60	50	40	30	20	10	ETW
13+50	6.7	6.3	5.9	5.4	5.0	4.7	5.5
	176.7	177.1	177.5	178.0	178.4	178.7	177.9

	60	50	40	30	20	10	ETW
14+0	7.1	6.8	6.6	6.6	6.3	5.9	6.4
	176.3	176.6	176.8	176.8	177.1	177.5	177.0

Granite Wk/Gran Step
Gran. Plats. + sill #36

	ETW	ETW	on Dirt Dr.	ETW	Edge Dr.
14+20.5	6.7	6.5	6.7	6.6	6.4
	176.7	176.9	176.7	176.8	177.0

	ETW	ETW	on Dirt Dr.	ETW	Edge Dr.
14+50	7.9	7.6	7.5	7.5	7.8
	175.5	175.8	175.9	175.9	175.6

CROSS-SECTIONS ≈ APRIL, 1972 35

3.07 179.73 T.P. LOC Bot. Conc. Step
to House #37

	AT	AT	AT
0	1	10	20
4.7	5.0	4.8	4.9
178.7	178.4	178.6	178.5
0	same as above	2.9	4.0
	5.2	5.4	6.0
	178.2	178.0	177.4

	ETW	ETW	ETW	ETW	ETW	ETW	ETW
0	2	9	20	30	40	50	60
5.1	5.0	5.3	5.1	5.0	4.9	5.0	5.2
178.3	178.4	178.1	178.3	178.4	178.5	178.4	178.2

	ETW	ETW	on Dirt Dr.	Edge Dirt Dr.	ETW	ETW	ETW	ETW
0	3	13	20	23	30	40	50	60
6.1	6.0	6.1	6.2	6.2	5.5	5.0	4.7	4.3
177.3	177.4	177.3	177.2	177.2	177.9	178.4	178.7	178.1

	AT	on step	on step	AT	on Plats.	on Plats.	on Plats.	Sill #36
At end on End Walk.	37	40	46	46	47	47	49.5	49.5
5.95	5.72	5.32	4.91	4.90	4.22	4.18	4.89	4.89
177.43	177.66	178.06	178.47	178.48	179.16	179.20	179.44	179.44

	ETW	ETW	Edge Dirt Drive	on Dirt Drive	on Dirt Drive	on Dirt Drive	on Dirt Drive
0	2.5	13	15	20	30	40	50
7.5	7.4	7.6	6.8	6.3	6.3	6.7	6.5
175.9	176.0	175.8	176.6	177.1	177.1	176.7	176.9

EX

36 OLD WEST ST. ≈ FOXBORO

CROSS-SECTIONS ≈ APRIL, 1972 37

Int. with $\frac{1}{2}$ Dirt
Dr. Right and $\frac{1}{2}$

14+83	ETW	ETW	ETW	ETW	ETW	ETW
0	2.5	12	15	20	27	
8.3	8.1	8.3	8.3	8.1	8.0	
175.1	175.3	175.1	175.1	175.3	175.4	

15+0	ETW	ETW	ETW	ETW	ETW	ETW	ETW
60	50	40	30	20	10	ETW	
10.7	10.7	10.4	10.1	9.5	8.4	8.6	
172.7	172.7	173.0	173.3	173.9	175.0	174.8	

+1.92

181.10
↑

Dirt Cart
Path left
15+42

←
60
7.5
173.6

15+50	ETW	ETW	ETW	ETW	ETW	ETW	ETW
60	50	40	30	20	ETW	ETW	
7.2	7.6	7.6	7.9	6.8	7.0	6.7	
173.9	173.5	173.5	173.2	174.3	174.1	174.4	

15+59.51 OLD West St.
2+14.10 Access Rd. 2st.

* For x-Sections

Page 34 183.38
↑

30	40	50	60
7.3	6.6	5.9	5.5
176.1	176.8	177.5	177.9

ETW	ETW	Edge Dirt Dr.	ETW	ETW	ETW	ETW	ETW
0	1.5	10.5	15	20	30	40	50 60
8.5	8.5	8.7	8.6	7.9	7.4	7.0	6.4 5.8
174.9	174.9	174.7	174.8	175.5	176.0	176.4	177.0 177.6

4.21

179.17

B.M. R.O.C. Granite
Platform to House #36
N.B. 353 Page 4 and 5
Use 179.18

50	40	30	20	ETW	ETW	ETW
7.9	7.8	7.8	7.1	6.8	6.7	6.7
173.2	173.3	173.3	174.0	174.3	174.4	174.4

ETW	ETW	ETW	ETW	ETW	ETW	ETW	ETW
0	8	10	20	30	40	50	60
6.7	6.7	6.3	6.5	6.3	6.2	5.8	5.5
174.4	174.4	174.8	174.6	174.8	174.9	175.3	175.6

on Access Rd. Right See N.B. 353
Pages 98-100

EK

38/OLD WEST ST. ≈ FOXBORO

Mid. of Page 36 78/10

Rim of Gold
Well test
15+ 66

Dirt Dr.
test
15+ 82

End Dr. ←

54	40
6.3	6.6
179.8	174.5

ETW	ETW
16+ 60	50
5.5	5.5
175.6	175.6
40	40
5.8	5.8
175.3	175.3
30	20
6.1	7.2
175.0	173.9
14	4
7.4	7.1
173.7	174.0

End of layout
and 1 grain step and Plats.
16+ 24.46 and sill #31 test

on step	AT step	ETW	ETW
45.5	45.5	12.5	4
4.10	4.4	7.3	7.2
177.00	176.7	173.8	173.9
40	40	30	20
4.8	4.8	6.1	7.1
175.0	174.0	173.8	173.9
51	47.5	47.5	47.5
3.35	3.44	4.17	4.17
177.96	177.25	177.66	176.93

End B for
this x-section
16+ 50.2

ETW	ETW
40	30
5.7	6.1
175.4	175.0
20	20
7.2	7.2
173.9	173.9
13	4
7.4	7.2
173.7	173.9

For Profile of

CROSS-SECTIONS ≈ APRIL, 1972 39

Rim of
Well

29	20	15	ETW 10.5	ETW 1.5	0
6.62	6.8	6.6	7.0	6.8	6.9
174.78	174.3	174.5	174.1	174.3	174.2

Dirt Dr. → ETW

30	20	12	ETW 2	ETW 0
6.7	7.0	7.2	7.0	7.1
174.4	174.1	173.9	174.1	174.0

ETW	ETW	ETW	ETW	ETW	ETW	ETW
0	6	10	20	30	40	50
7.1	7.2	6.9	7.8	8.2	8.4	8.1
174.0	173.9	174.2	173.3	172.9	172.7	173.0
60	60	60	60	60	60	60
8.7	8.7	8.7	8.7	8.7	8.7	8.7
172.4	172.4	172.4	172.4	172.4	172.4	172.4

ETW	ETW	ETW	ETW	ETW	ETW	ETW
0	5	10	20	30	40	50
7.3	7.3	7.5	8.2	8.5	8.6	8.9
173.8	173.8	173.6	172.9	172.6	172.5	171.1
60	60	60	60	60	60	60
10.0	10.0	10.0	10.0	10.0	10.0	10.0
171.1	171.1	171.1	171.1	171.1	171.1	171.1

ETW	ETW	ETW	ETW	ETW
0	5	10	20	30
7.3	7.4	7.7	8.2	7.4
173.8	173.7	173.4	172.9	173.7

ETW. See Next Page

EK

400 OLD WEST ST. ≈ FOXBORO

Top Page 38 181.10

CROSS-SECTIONS ≈ APRIL, 1972

Simpson
Anderson
Beyer
Hyland

1740 $\frac{E.T.W.}{7.4}$
173.7

17450 $\frac{E.T.W.}{7.4}$
173.7

1840 $\frac{E.T.W.}{7.3}$
173.8

18450 $\frac{E.T.W.}{7.2}$
173.9

1940 $\frac{E.T.W.}{6.6}$
174.5

Profile of E.T.W. ST.
OLD WEST ST.

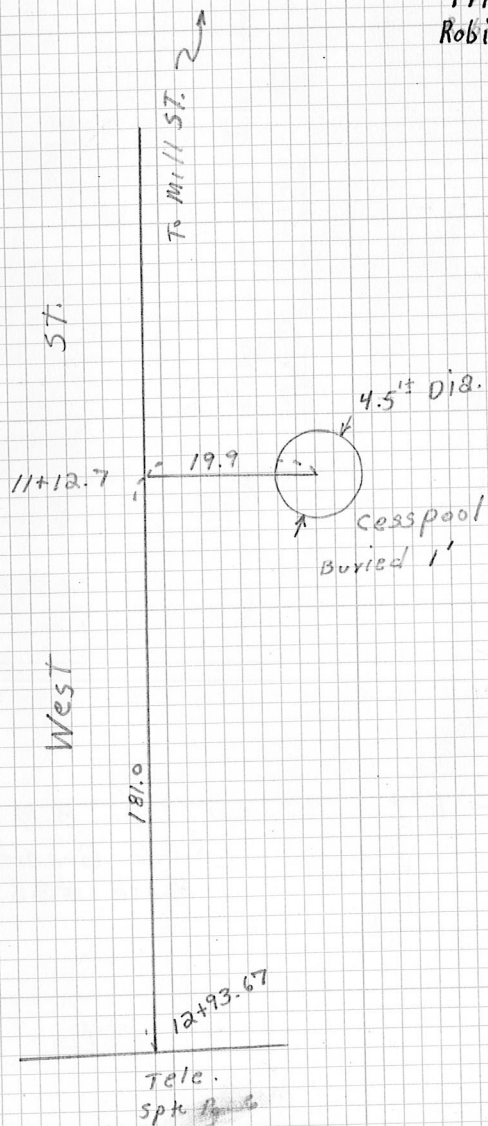
- 1.92

179.18 B.M. Page 37
R.O.C. Granite Plate to
House #36

42 West St

FOXBORO
Cesspool Location

Aug 21, 1973

Frink
Robinson

+ 4.37

183.55
K

B.M. 179.18 R.O.C.

Gran. PIT. Hse #36
NO 353 Pg 4- 1.22 182.33 HYD. RT. Bolt =
100.00 Rim Engineering Plan

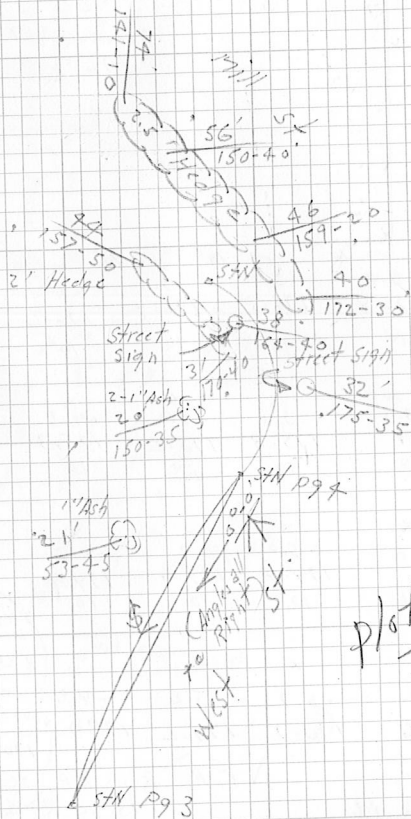
+ 0.24

182.57
K- 7.22 175.35 Rim C.B. 10+60.5 Left
Pg 30

4C
Old

Detail Dec. 27, 1973
Foxboro

Dec. 27, 1973

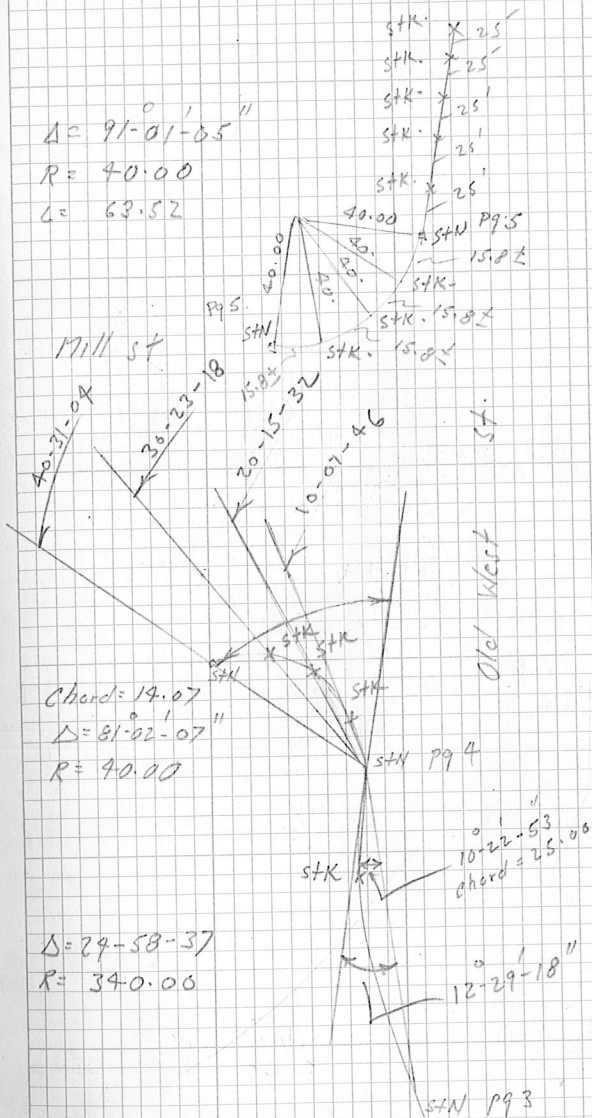


plotted

Staking \$ @ Mill St.
Old West St Foxboro

Dec. 27, 1973

~~47~~
~~364~~



48 BEECHWOOD ST. & COHASSET

Inst. 1364 Tape Wthr & Temp. Date 6/12/85 Crew

Continued From N.B. 453 Pg. 116-117

+0.64

At Conc. Spillway
Left
36+80.5

ON HD. WALL LT.

36+84

60

50

12.0
40.0

11.1
40.9

ON N. RIP RAP WALL ON
40 36

8.1 7.6
43.9 44.4

END HD. WALL LT.
(BEGIN SHORT PIECE STONE)
36+91 MASONRY RET. WALL

60

8.1

7.8 4.6
43.9 44.2

END WALL LT.

36+95

60

10.4

41.6

41.6

50

8.1 6.8 3.2 2.55
43.9 45.2 48.8 49.4

37+0 Lt. Side

(Rt. Side Pg. 58)

60

8.1

3.3 3.7
10.4 43.9

+7.50

58.90

Lt. side

37+25

(Rt. side Pg. 60)

60

50

47

14.2

13.0

11.1

44.7

45.9

47.8

Bot. Slope Lt.

AND Ret. wall

37+37

60

50

40

14.8

14.4

12.30

44.1

44.5

46.40

CROSS-SECTIONS

49

Inst. Tape Wthr & Temp. Date 6/12/85 Crew SIMPSON

51.40 B.M. CHS. SQ. IN
CONC. HD. WALL N.B. 453

52.04

IN WATER
AT COR. CONC.
Spillway

41

10.8

ON CONC. AT + ON CONC.

36 32.5

1.62 1.61 1.5
50.42 50.43 50.5

ON RIP RAP WALL ON
37.5 37.5

4.1 1.6 1.66 2.1 1.5
49.9 50.38 50.38 49.9 50.5

AT + ON END WALL AT FENCE

37.5 35

2.43 1.9 1.5
49.61 50.1 50.5

AT + ON RIP RAP AT FENCE

39 35.5

2.6 1.5 1.40
49.4 50.5 50.64

AT + ON RIP RAP AT FENCE

40 36.5

9.20 8.3 7.9
49.70 50.6 51.0

AT + ON RIP RAP AT FENCE

40 36

8.60 7.9 7.4
50.30 51.0 51.5

AT + ON RIP RAP AT FENCE

40 36

50.30 51.0 51.5

IN WATER
AT Edge Spillway

36

8.20

ON CONC. AT + ON CONC.

36 32.5

1.62 1.61 1.5
50.42 50.43 50.5

ON RIP RAP WALL ON
37.5 37.5

4.1 1.6 1.66 2.1 1.5
49.9 50.38 50.38 49.9 50.5

AT + ON END WALL AT FENCE

37.5 35

2.43 1.9 1.5
49.61 50.1 50.5

AT + ON RIP RAP AT FENCE

39 35.5

2.6 1.5 1.40
49.4 50.5 50.64

AT + ON RIP RAP AT FENCE

40 36.5

9.20 8.3 7.9
49.70 50.6 51.0

AT + ON RIP RAP AT FENCE

40 36

8.60 7.9 7.4
50.30 51.0 51.5

AT + ON RIP RAP AT FENCE

40 36

50.30 51.0 51.5

SEE PREVIOUS
36 < 0

BK. S.W. ETW

21.5 17.5

1.76 1.93 1.40 1.52
50.28 50.4 50.64 50.52

BK. S.W. ETW

21 18

1.61 1.83 1.41 1.56
50.43 50.21 50.63 50.48

BK. S.W. ETW

21.5 18

1.63 1.77 1.40 1.57
50.41 50.21 50.64 50.47

BK. S.W. ETW

21.5 18.5

1.72 1.37 1.55
50.32 50.67 50.49

51.40 B.M. ABOVE

BK. S.W. ETW

22 18.5

7.90 8.06 7.81 8.08
51.00 50.84 51.09 50.82

BK. S.W. ETW

22.5 18

7.42 7.70 7.45 7.69
51.48 51.20 51.45 51.21

51.48 51.20 51.45 51.21

50/BEECH WOOD ST. & COHASSET

CROSS-SECTIONS

51

Inst. 1364 Tape Wthr & Temp. Date 6/19/85 Crew SAMPSON

Inst. Tape Wthr & Temp. Date 6/19/85 Crew

58.90
GENIETTI
Mullins
ON SLOPE60
8.2
50.17
6.8
52.137+50 Lt. Side
(Rt. Side Pg. 62)Top slope Lt.
(3' ± off Edge Bound
Brook Ln.)± PROFILE Bound Brook
LANE Lt.37+64.5
1.67
57.23

Edge Bound Brook Ln. Lt.

37+70.5

4. side
37+75
(Rt. Side
Pg. 62)

Lt. Side

38+0
(Rt. Side Pg. 64)Lt. Side
38+25
(Rt. Side Pg. 64)0.48
64.6260
50
7.08.2
50.17
6.8
52.160
50
4.154.8
53.8
53.0
53.0390 80 70
60 50 40 30 25
1.59 1.73 2.38 3.46 4.57 5.36 5.91 6.14

57.31 57.17 56.52 55.74 54.33 53.54 52.99 52.16

60
3.30 4.56 5.53 5.86 5.99 6.25 5.98 6.07AT WALL ON SLOPE ON WALL AT WALL
46 43 43 40 31.5 25 18.5 5

4.5 3.70 3.70 5.2 5.6 5.87 5.93 6.08 5.80 5.83

54.4 55.20 55.20 53.7 53.3 53.03 52.97 52.82 53.10 53.07

+6.87 65.10
60 504.5 5.9
60.6 59.260 50 40
0.9 1.40 2.16 4.2

64.2 63.70 62.5 60.9

30 25 24 19 6 0

6.9 6.9 6.90 7.2 6.93 7.11
52.0 52.0 52.00 51.69 51.97 51.79

40 36 25 19 6 0

5.9 5.87 6.48 6.93 6.74 6.88
53.0 53.03 52.42 51.97 52.16 52.02

40 30 25 18.5 5.5 0

5.36 5.91 6.14 6.58 6.30 6.38
53.54 52.99 52.16 52.32 52.60 52.52

40 30 25 19 5.5 0

5.53 5.86 5.99 6.25 5.98 6.07
53.37 53.04 52.91 52.65 52.92 52.83

40 30 25 18.5 5 0

5.6 5.87 5.93 6.08 5.80 5.83
53.3 53.03 52.97 52.82 53.10 53.07

40 30 25 20 16 16 4 0

7.2 9.0 10.2 10.69 10.80 11.00 10.77 10.80
51.9 56.1 54.9 54.41 54.30 54.10 54.33 54.30

30 25 19.5 17 14.5 14.5 2 0

5.4 6.1 8.8 9.59 9.75 9.81 9.61 9.63
59.7 59.9 56.3 55.51 55.35 55.29 55.49 55.47

52 BEECHWOOD ST. 2 COMASSET

Inst. Tape Wthr & Temp. Date Crew
 6/19/84 SIMPSON
 55.36 CAREW
 GENTHI
 MULLINS

+0.84

Right side X-SECTIONS FROM
 (SEE ALSO N.B. 453)

END OF RET. WALL RT.	ETW.	ETW	ON ASP. BERM	ON GRASS BACK BERM
35+82	0	13	13.2	13.5
	3.14	3.58	3.43	3.6
	52.22	51.78	51.93	51.8
	40	50	60	
	8.2	9.6	9.9	
	47.2	45.8	45.5	

END OF RET. WALL RT.	ETW.	ETW	ON ASP. BERM	ON GRASS
35+87	0	12.5	12.7	13
	3.26	3.71	3.61	3.7
	52.10	51.65	51.75	51.7
	50	60		
	10.6	10.7		
	44.8	44.7		

BEGIN RET. WALL RT.	ETW.	ETW	ON ASP. BERM	ON BERM	AT FENCE
36+0	0	11	11.2	13.5	16
	3.53	3.99	3.91	3.8	4.2
	51.83	51.37	51.45	51.6	51.2

+4.18

55.58
 A

CROSS-SECTIONS

Inst. Tape Wthr & Temp. Date Crew
 6/19/85
 54.52 B.M. SPK. in 24" O. 453/92

35+75 TO 38+25
 P. 104-105

AT + ON CONG. COVERED RET. WALL	ON COR. RET. WALL	ON GRND. AT WALL COR.
16	20	27
3.6	4.4	5.61
51.8	51.0	49.75
		34
		6.24
		49.12
		6.9
		48.5

AT + ON WALL COR	ON GRND. AT WALL	AT + ON WALL COR	ON GRND. AT WALL
20	23.5	25	30
5.2	5.02	5.8	6.4
50.2	50.34	49.6	49.0
		7.7	10.4
		48.7	45.0
		47.7	

AT + ON (FACE) BEGINNING RET. WALL	AT + ON (FACE) BEGINNING RET. WALL	AT + ON (FACE) BEGINNING RET. WALL	AT + ON (FACE) BEGINNING RET. WALL
20	25	28	30
5.7	7.0	8.78	10.1
49.7	48.4	46.58	45.3
		11.6	11.5
		43.8	43.9
		60	12.3
		43.1	

-0.84 54.52 B.M. above.

B.M. CH's SQ. in Hd. Wall
 N.B. 453 EL=51.40
 B. 66

54 BEECHWOOD ST. & COHASSET

Inst. Tape Wthr & Temp. Date Crew

6/19/85

55.58

Rt. Side
36+25

ETW. AT ASP.	ON BERM	ON GRASS BACK BERM	AT FENCE
0	8.5	8.7	9.0
4.29	4.63	4.56	4.63
51.29	50.95	51.02	50.95
			4.7
			50.9

+ 4.38

55.78

1

END RET.
WALL RT.
36+42

ETW. AT BERM	ON BERM	Back BERM ON Grass	FENCE
0	7.5	7.7	8
4.8	5.07	5.01	5.10
50.77	50.71	50.77	50.68
on SWAMP	solid	SWAMP	solid
40	40	50	50
13.6	20.2	13.7	21.3
42.2	35.6	42.1	34.5

Rt. Side
36+50

ETW. AT BERM	ON BERM	at fence
0	11.7	8
4.92	5.18	5.10
50.86	50.60	50.08
		50.7
Edge Swamp	Solid Bot.	on Swamp
26	26	30
13.6	17.1	13.8
42.2	30.7	42.0
	on Swamp	solid Bot.
	60	60
	13.8	22.3
	42.0	33.5

CROSS-SECTIONS

364/55

Inst. Tape Wthr & Temp. Date Crew

6/19/85

SIMPSON
CAREY
GENITI
MULLINS

ON FACE RET. WALL	AT WALL ON Grn.	APPROX. EDGE SWAMP	solid	Bottom
16	25	25	29	29
5.6	9.51	12.3	13.5	15.7
50.0	46.07	43.3	42.1	39.9
SWAMP	SOLID BOTTOM	SWAMP	solid	SWAMP
40	40	50	50	60
13.4	18.0	13.4	18.6	13.4
42.2	31.6	42.2	37.0	42.2
				35.4

- 4.18 51.40 B.M. CHIS. SQ. ON
Hd. wall 18.53

top slope	ON END RET. WALL	on Ground	ESWAMP	solid
15	24	24	25	33
6.0	10.80	11.6	12.6	13.5
49.8	44.8	44.2	43.2	42.3
SWAMP	solid	solid	solid	solid
60	60	60	60	60
13.6	21.6	21.6	21.6	21.6
41.2	34.2	34.2	34.2	34.2
42.2	34.2	34.2	34.2	34.2
Top slope	on Rip Rap	on Rip Rap	on Rip Rap	on Rip Rap
15.5	17	20	22.5	22.5
6.4	7.3	10.8	12.4	12.4
40.4	48.5	45.0	43.4	43.4

on Swamp	on Swamp	solid Bot.	on Swamp	solid Bot.
30	40	40	50	50
18.7	14.0	22.0	13.9	23.4
37.1	41.8	33.8	41.7	32.4

- 4.38 B.M. above 51.40

56 BEECHWOOD ST. & COHASSET

Inst. Tape Wthr & Temp. Date Crew
6/24/85 SIMPSON
CAKEW
MULLINS

END CONC. Headwall Rt.	ON ASP. 7.5	ON ASP. AT COR. Headwall	ON COR. Headwall
36+61.5	0	4.32	55.72
4.92	5.35	5.65	4.21
50.80	50.37	50.07	51.51
	IN WATER G.S.	SOLID Bottom	IN WATER G.S.
25'	30'	30'	40'
15.2	15.9	19.7	19.7
40.5	39.8	36.0	36.0

X-SECTION ON
ARCH CULVERT RT. E
36+73

ON ASP. AT CONC. HEADWALL	ON CONC. Hd. Wall
8	8
5.09	4.29
50.63	51.43
IN WATER SOLID Bottom	IN WATER G.S.
21.5	30'
16.2	19.9
39.5	35.8

+ 4.35

55.75

INVERT 12" CLAY PIPE
"PLUGGED" RT.
36+79

0
5.17
50.58

ON ASP.
AT HD. WALL

ON HD. WALL

8
5.57
50.18

8
4.35
51.40

CROSS-SECTIONS AT BOUND BROOK 57

Inst. Tape Wthr & Temp. Date Crew
6/24/85 SIMPSON

ON COR. Head wall	ON R.P. RAP At Cor. Headwall	ON R.P. RAP	ON R.P. RAP	ON R.P. RAP AT WATER
10	7.0	12	16.5	20
4.22	6.40	7.0	11.8	14.1
51.50	49.32	48.7	43.9	41.6
SOLID Bottom	IN WATER G.S.	SOLID Bottom	IN WATER G.S.	SOLID Bottom
40'	50'	50'	60'	60'
21.7	19.0	22.2	20.2	20.7
34.0	36.7	33.5	35.5	35.0

Note: There is a ZUP
OUT THE DOWN
OF THE
Hd. Wall
we disten reach
X-SECTIONS

Top Arch Culvert	INV.	IN WATER G.S.
9	9	20
9.44	15.51	15.4
46.28	40.21	40.3
IN WATER G.S.	SOLID Bottom	IN WATER G.S.
40	50'	60'
20.3	22.7	20.4
35.4	33.0	35.3

- 4.32 B.M. above 51.40

ON HD. WALL	INV. 12" CLAY PIPE	IN WATER on ground at Hd. wall
9	9	9
4.36	12.30	14.52
51.39	43.45	41.23

58 BEECHWOOD ST. & COHASSET

Inst. Tape Wthr & Temp. Date Crew
6/24/85 SIMPSON
55.75

X-SECTION ON
ARCH CULVERT RT.
36+84

ON ASP. AT Hd. Wall	ON Hd. Wall	ON Hd. Wall
8	8	9
5.22	5.56	4.41
50.53	50.19	51.34
IN WATER Solid Bottom	IN WATER Solid Bottom	IN WATER Solid Bottom
30'	40'	50'
20.7	21.3	20.4
35.1	34.5	35.4

END OF CONC.
Hd. Wall RT.

ON ASP.	ON ASP. AT COR. Hd. Wall	ON COR. Hd. Wall
6.5	7.5	7.5
5.27	6.13	7.5
50.48	49.62	4.50
IN WATER	IN WATER	IN WATER
20'	25'	30'
14.7	16.6	18.3
41.1	39.2	37.5
		34.1
		54.97
		3.57

CROSS-SECTION S

Inst. Tape Wthr & Temp. Date Crew

364/59

Top of Arch Culvert	Top of Culvert	IN WATER Solid Bottom	IN WATER Solid Bottom	IN WATER Solid Bottom
9	9	20'	21.5	25
9.59	15.38	15.76	16.3	17.8
46.16	40.37	40.05	39.5	38.0
IN WATER Solid Bottom	IN WATER Solid Bottom			
60'	60'			
20.2	20.2			
35.6	35.6			

ON COR. Hd. Wall	ON RIP RAP AT COR. Hd. Wall	ON RIP RAP	ON RIP RAP AT WATER
8.5	8.5	11	17.5
4.49	7.15	7.63	13.80
51.26	48.60	48.12	41.95
IN WATER	IN WATER	IN WATER	IN WATER
40'	40'	50'	60'
18.9	21.7	19.7	20.2
36.9	34.1	34.1	35.6

-4.35 51.40 BM. CHS. SQ. IN
HD. WALL

MB 453/93

37+0
RT. SIDE ONLY

ON ASP BERM	@ Fence	@ TOP RIP RAP
6.4	9	12.5
4.77	5.0	5.70
50.20	50.0	49.27
50.46	50.07	50.07

ON RIP RAP	ON RIP RAP	IN WATER	SOLID BOT	IN WATER	SOLID BOT
13	17	25	25	30	30
5.70	9.70	15.8	16.0	16.1	21.3
49.27	45.27	41.97	39.2	38.9	33.7
IN WATER	IN WATER	IN WATER	IN WATER	IN WATER	IN WATER
40'	40'	50'	60'	60'	60'
16.0	20.0	15.2	20.0	17.8	19.0
39.0	35.0	39.8	35.0	37.2	36.0

60 BEECHWOOD ST. COHASSET

Inst. Tape Wthr & Temp. Date Crew

54.97

37+10 RT
BEGIN STONE
RET WALL RT

	ETW @ BERM	ON BERM	@ FENCE
0	5.5	6.0	9.0
4.44	4.80	4.66	4.80
50.53	50.17	50.31	50.17

IN WATER	SOLID BOT	IN WATER	SOLID BOT
30	30	40	40
14.3	20.5	15.6	21.0
40.7	34.5	39.4	34.0

+3.14

54.54

37+25 RT

	ETW	ON ASPH BERM
0	5.5	6
3.73	4.13	4.00
50.81	50.41	50.54

SWAMP
SOLID GROUND

40	40
12.4	20.0
42.1	34.5

X SECTIONS

Inst. #3 Tape ROD Wthr & Temp. SUNNY 68° Date JUNE 85 Crew SIMPSON

	RET. WALL TOP	@ BOT WALL	EDGE WATER ON GRD	IN WATER	SOLID BOTTOM
15	21.5	21.5	24	25	25
6.6	9.20	12.2	13.0	13.7	14.5
48.4	45.77	42.8	42.0	41.3	40.5

IN WATER	SOLID BOT	IN WATER	SOLID BOTTOM
50	50	60	60
16.2	21.2	15.4	20.9
38.8	33.8	39.6	34.1

-3.57

(51.40) B.M. CHISSY

IN HEADWALL

453/93

@ FENCE	ON GROUND	ON RET WALL	EDGE SWAMP @ BOT WALL	IN WATER	SOLID GROUND
85	15	22	24.5	30	30
4.10	5.8	8.40	12.80	12.7	17.0
50.44	48.7	46.14	41.74	41.8	37.5

SWAMP
SOLID GROUND

50	50	60
12.5	20.8	12.8
42.0	33.7	41.7

SWAMP
SOLID GROUND

60
21.2
33.3

62 BEECHWOOD STREET

Inst. Tape Wthr & Temp. Date Crew

54.54

	ETW	AT GARD RAIL FENCE	IS
37+50 RT	0	5.5	8.5
	2.77	3.10	2.9
	51.77	51.4	49.64

+ 8.00

59.40

	ETW @ BERM	ON BERM	@ FENCE
37+75 RT	0	5.5	6
	6.33	6.55	6.50
	52.85	52.90	6.2
	53.07		53.2

	ET.W.	ON BERM	@ FENCE
37+88.5 RT	0	6.0	6.5
END STONE	5.67	5.84	5.82
RET WALL	53.73	53.56	53.58

+ 5.26

60.05

COHASSET X SECTION S 364/63

Inst. #3 Tape ROD Wthr & Temp. SUNNY 68 Date JUNE 85 Crew SIMPSON

	ON RET WALL	@ BERM	SWAMP
	25	25	30
	9.90	12.0	12.6
	44.64	42.5	41.9

3.14

51.40 CHIS S9
IN HEAD WALL

	GRASS	ON RET WALL	@ GRD
	15	25	25
	7.3	9.20	11.5
	52.1	50.20	47.9

	GRASS	ON RET WALL	ON GRD	SMALL TREES + BRUSH
	15	25	25	30
	5.8	7.10	9.1	9.9
	53.6	52.30	50.3	49.5

- 4.61

54.79 T.P. STONE

- 1.82 58.23

B.M. CHIS S9 LEDGE
(58.23) NB 453/93
STA 37+75 73' LT

64 BEECHWOOD STREET

Inst. Tape Wthr & Temp. Date Crew

+ 2.19

60.42
^

	ET.W	2	GRASS	7	OFF @ WALL
38+0 RT	0	7'	10	15	21.5
SIDE only	6.14	6.31	6.3	6.0	6.2
	54.28	54.11	54.1	54.4	54.2

	ET.W	2	GRASS	7	OFF @ WALL
38+25 RT	0	9'	11.5	15	21.5
SIDE ONLY	4.97	5.18	4.8	4.6	4.5
	55.55	55.24	55.6	55.8	55.9
	55.45				

COHASSET X SECTIONS

364/65

Inst. #3 Tape Rod Wthr & Temp. Date Crew

B.M. CHIS S9 LEDGE
ELEV (58.23) PG 63
STA 37+75 73' LT

WALL BROKEN
IN THIS AREA
@ 40+0 BACK WALL

SMALL TREES & BRUSH

	30	40	50	60
25	25	10.8	12.7	12.8
7.9	7.8	9.8	49.6	47.7
52.5	52.6	50.6	47.7	47.6

	ON WALL	ON BACK WALL	@ GRD. BACKWALL	2	GRASS
21.5	24.5	24.5	30	40	50
3.28	3.41	5.7	6.2	6.7	7.3
57.14	57.01	54.7	54.2	53.7	53.1
			52.0		

- 9.02 51.40

B.M. CHIS S9 HEADWALL
ELEV (51.40)
NB 453/93

pg 48-65

Reduced by J. Crowley
M. Mullin

CHKD BY G. CAREW 6-27-85

66

BEECHWOOD ST - Cohasset

Inst.

Tape

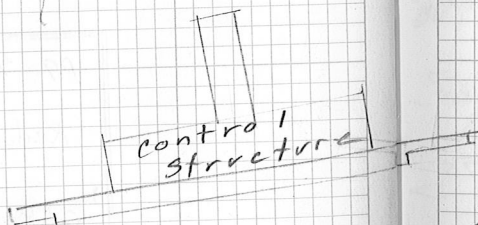
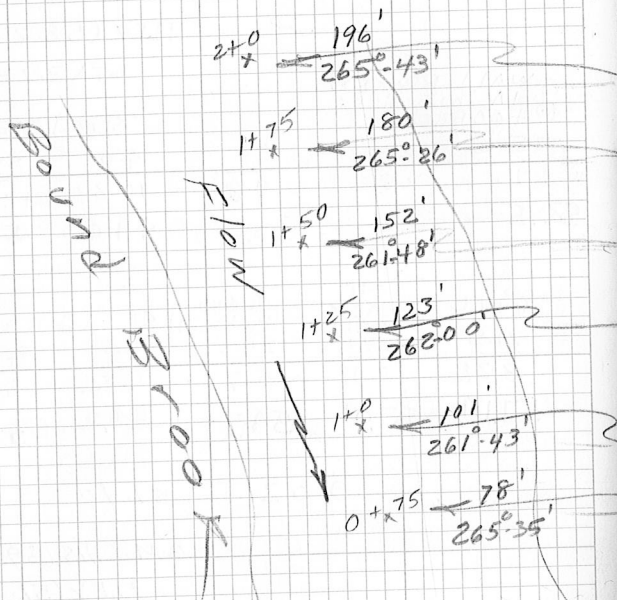
Wthr & Temp.

Date

Crew

+4.28

55.68

BEECHWOOD
PC

36+75

Here 0+0

Profile of Brook Bottom

364/67

Inst.

Tape

Wthr & Temp.

Date

Crew

July 1, 1983 W. Simpson

D. Genitti

51.40 BM. Chis Sq. in Conc. HD Wall

Water level 11.96 43.72

RR to Bottom 20.2 35.5
Solid Bot 28.5 27.2RR to Bottom 20.1 35.6
Solid Bot 26.6 29.1RR to Bottom 19.8 35.9
Solid Bot 27.0 28.7RR to Bottom 18.6 37.1
Solid Bot 26.0 29.7RR to Bottom 16.6 39.1
Solid Bot SameRR to Bottom 15.2 40.5
Solid Bot SamePT
39+78.53

Sight Chord

Baseline

street

-4.28 51.40 BM above

68

Beechwood St ~ Cohasset

Inst. Tape Wthr & Temp. Date Crew

+4.17

55.57

PC
x Beechwood
x Here

Profile of Brook Bottom 364/69

Inst. Tape Wthr & Temp. Date Crew

July 1, 1985 W. S. Simpson
D. Genitti
PT 39+78.53

51.40 BM Ch's SA on Conc H.D. Wall

RR
Water level 13.73

41.84

0+0' sight chord
street BaselineRR to Bot 20.3 35.3
Solid Bot SameRR to Bot 19.2 36.4
Solid Bot SameRR to Bot 17.7 37.9
Solid Bot SameRR to Bot 17.0 38.6
Solid Bot SameRR to Bot 17.9 37.7
Solid Bot 18.8 36.8RR to Bot 15.9 39.7
Solid Bot 18.2 37.4

-4.17 51.40 BM above

70

Inst.

Tape

Wthr & Temp.

Date

Crew

71

Inst.

Tape

Wthr & Temp.

Date

Crew

72

Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

73

74

Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

75

76

1364

Inst.

Tape

Wthr & Temp.

Date

Crew

77

Inst.

Tape

Wthr & Temp.

Date

Crew

78

Inst.

Tape

Wthr & Temp.

Date

Crew

79

Inst.

Tape

Wthr & Temp.

Date

Crew

80

Inst.

Tape

Wthr & Temp.

Date

Crew

81

Inst.

Tape

Wthr & Temp.

Date

Crew

82/364

Inst.

Tape

Wthr & Temp.

Date

Crew

83

Inst.

Tape

Wthr & Temp.

Date

Crew

84

1364

Inst.

Tape

Wthr & Temp.

Date

Crew

85

Inst.

Tape

Wthr & Temp.

Date

Crew

86

Inst.

364

Tape

Wthr & Temp.

Date

Crew

87

Inst.

Tape

Wthr & Temp.

Date

Crew

88

Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

89

SEE PG. 92-93

94

BEECHWOOD ST. & COHASSET

Inst.

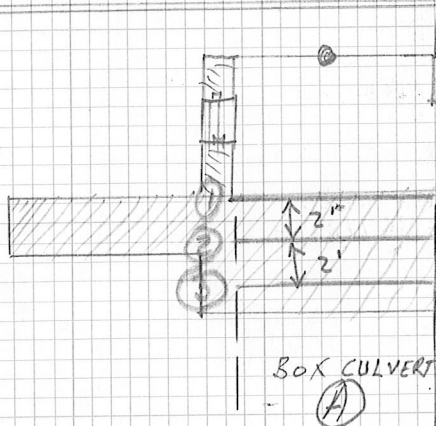
Tape

Wthr & Temp.

Date

Crew

CHECKING BOX CULVERT



BEECHWOOD ST.

TO DOANE ST.

Box Culvert (A)	(IN 2)	(IN 4)
LINE ① HEIGHT OF BOX CULVERT OPENING	LINE ②	LINE ③
5.4	5.8	5.7
5.35	6.0	5.6
5.3	6.0	6.8
5.9	5.8	6.7
5.6		7.0
5.5		
Avg. 5.5	Avg. 5.9	Avg. 6.4
Avg. 5.9		

CULVERTS AT BOUND BROOK

Inst.

Tape

Wthr & Temp.

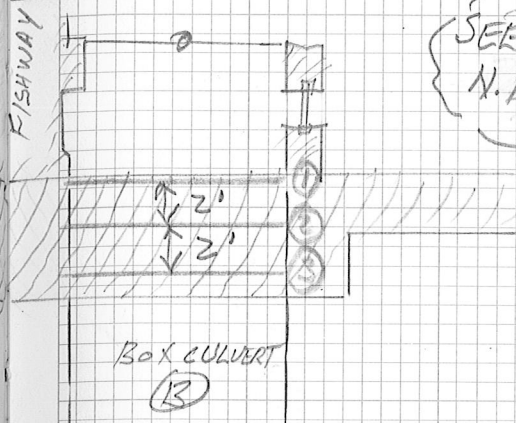
Date

Crew

Oct. 29, 1987

W. SIMPSON
R. GENITI
E. KELLY

HEIGHTS



SEE ALSO

N.B. 453 Pages
58-59

TO Route 3A.

Box Culvert (B)	(IN 2)	(IN 4)
LINE ①	LINE ②	LINE ③
4.4	5.8	6.4
5.2	6.1	6.8
5.3	6.2	6.2
5.2	6.2	6.3
5.4	6.0	5.9
5.2	5.9	
Avg. 5.1	Avg. 6.0	Avg. 6.3
Avg. 5.8		

96

Inst.

1364

Tape

Wthr & Temp.

Date

Crew

97

Inst.

Tape

Wthr & Temp.

Date

Crew

98

364

Inst.

Tape

Wthr & Temp.

Date

Crew

99

Inst.

Tape

Wthr & Temp.

Date

Crew

S 52364

Set up \$ For detail on Beechwood St.

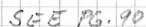


2/2/81

101

SIMPSON
LEONE
PILLIS
O'BRIEN

Beechwood
Cemetery



Plotted

102

Inst.

Tape

Wthr & Temp.

Date

Crew

103

Inst.

Tape

Wthr & Temp.

Date

Crew

104

Inst.

Tape

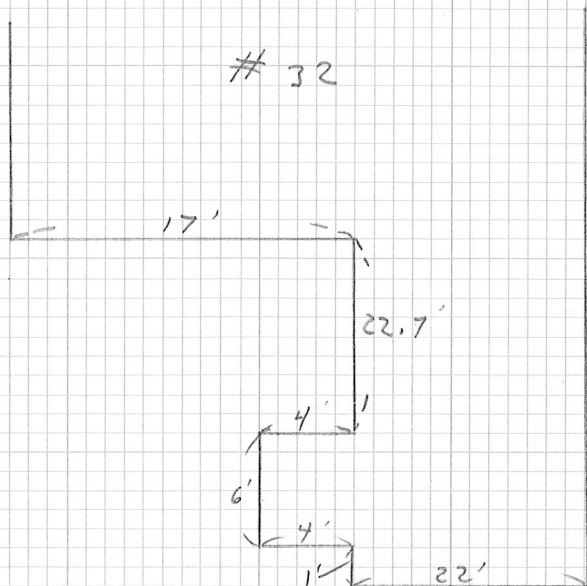
Wthr & Temp.

Date

Crew

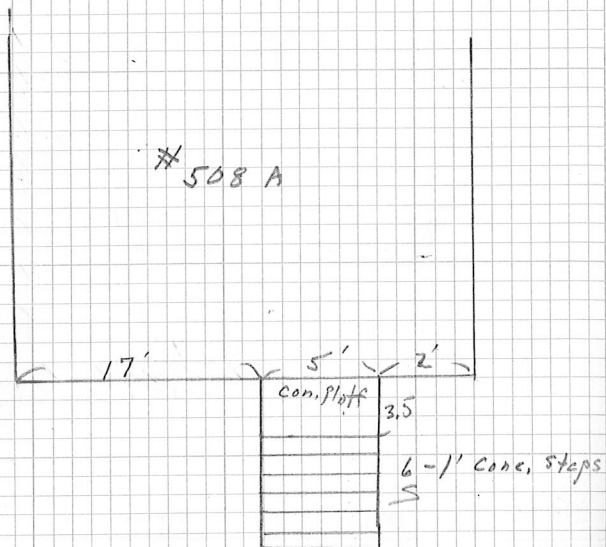
DOANE & BEECHWOOD ST
COHASSET

105

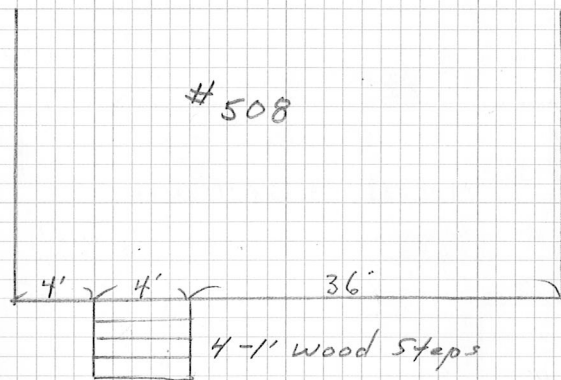


DOANE ST.

Plotted



X
1+0

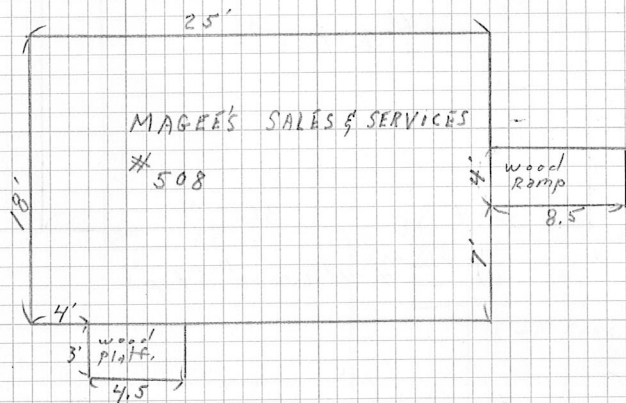


X
2+0

plotted

108/ BEECHWOOD ST ≈ COHASSET

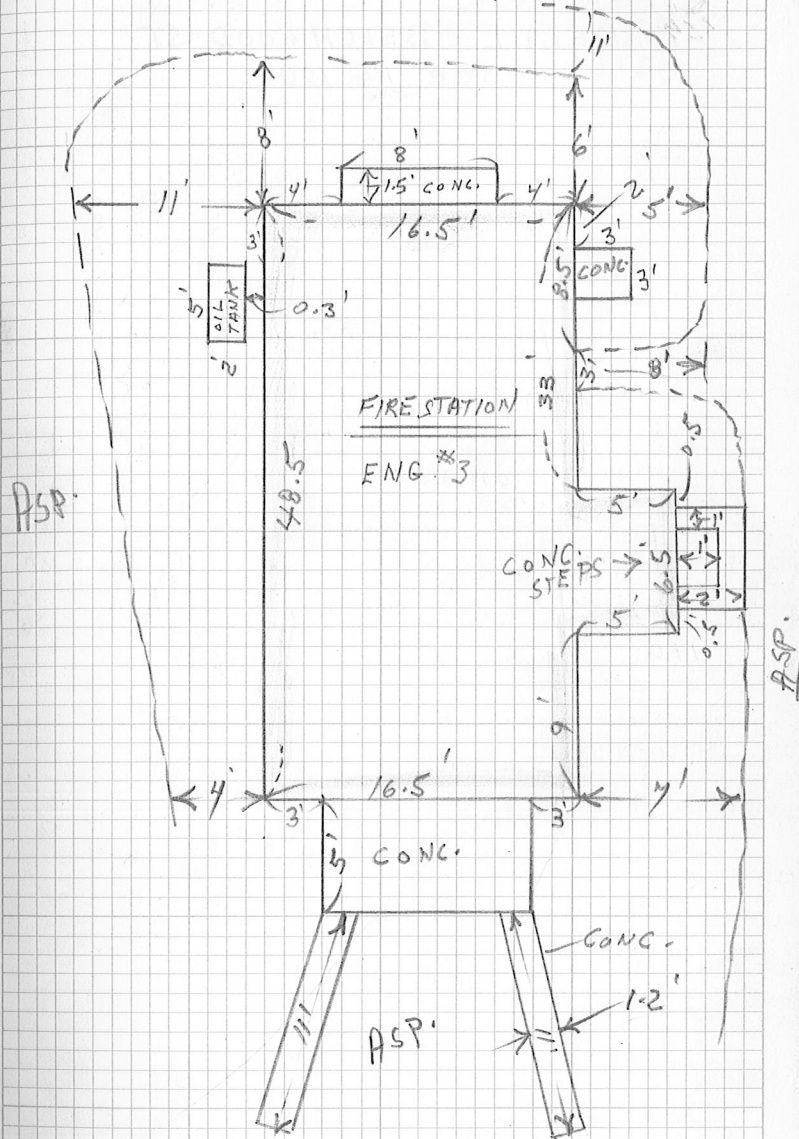
1364



BEECHWOOD ST.

To Doane St. →

MEASUREMENTS OF FIREHOUSE 109



BEECHWOOD ST.

ST.

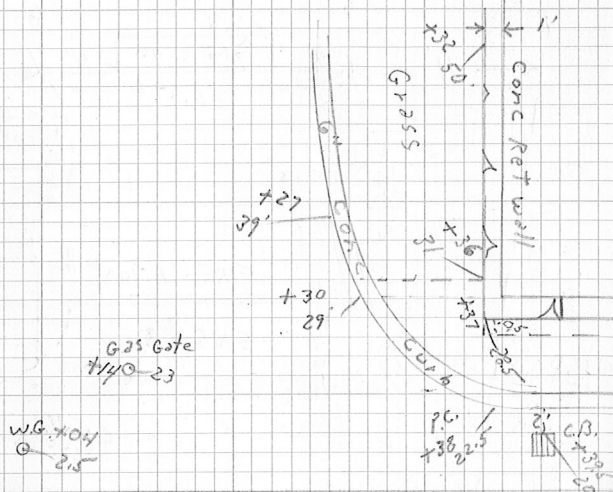
Plotted

TO DOANE ST. →

110 DOANE & BEECHWOOD STS

364 DETAIL BEECHWOOD ST.

See Pg. 100



X
1+0

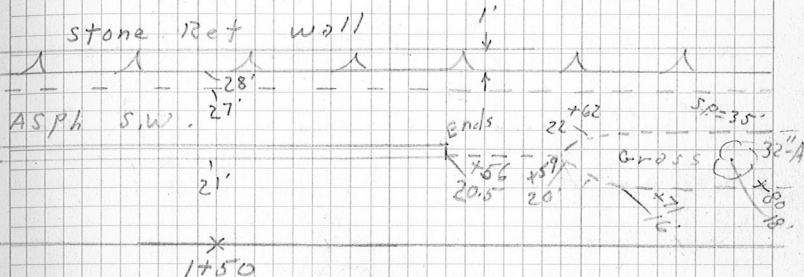
DOANE ST

Plotted

COHASSET 2/2/87

111

SIMPSON
LEONE
DILLIS
O'BRIEN

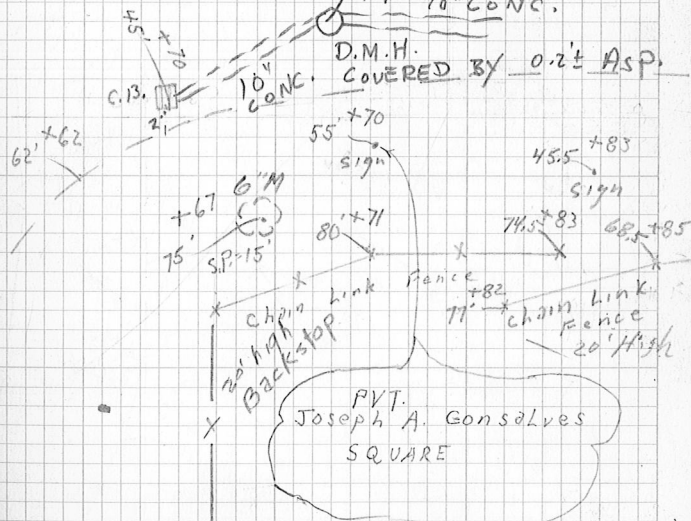


X
1+50

BEECHWOOD ST.

+90 10" CONC.

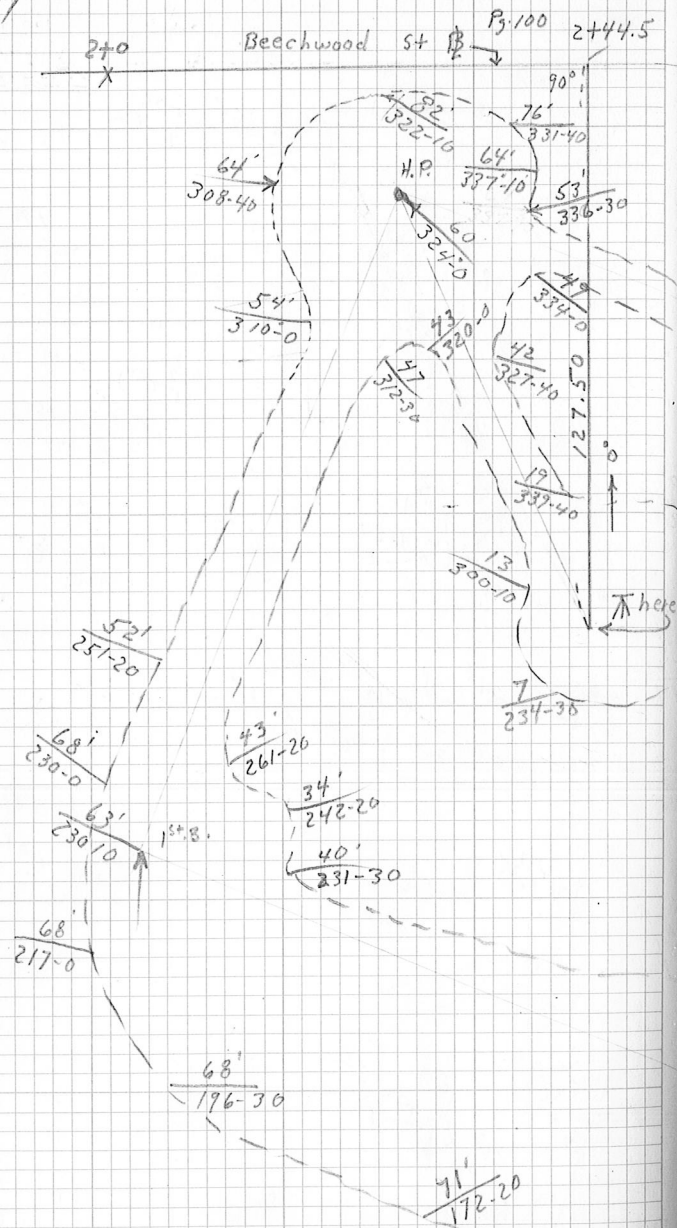
D.M.H. COVERED BY 0.2' ASP.



PVT.
Joseph A. Gonsolves
SQUARE

116

116/ DETAIL DOANE & BEECHWOOD



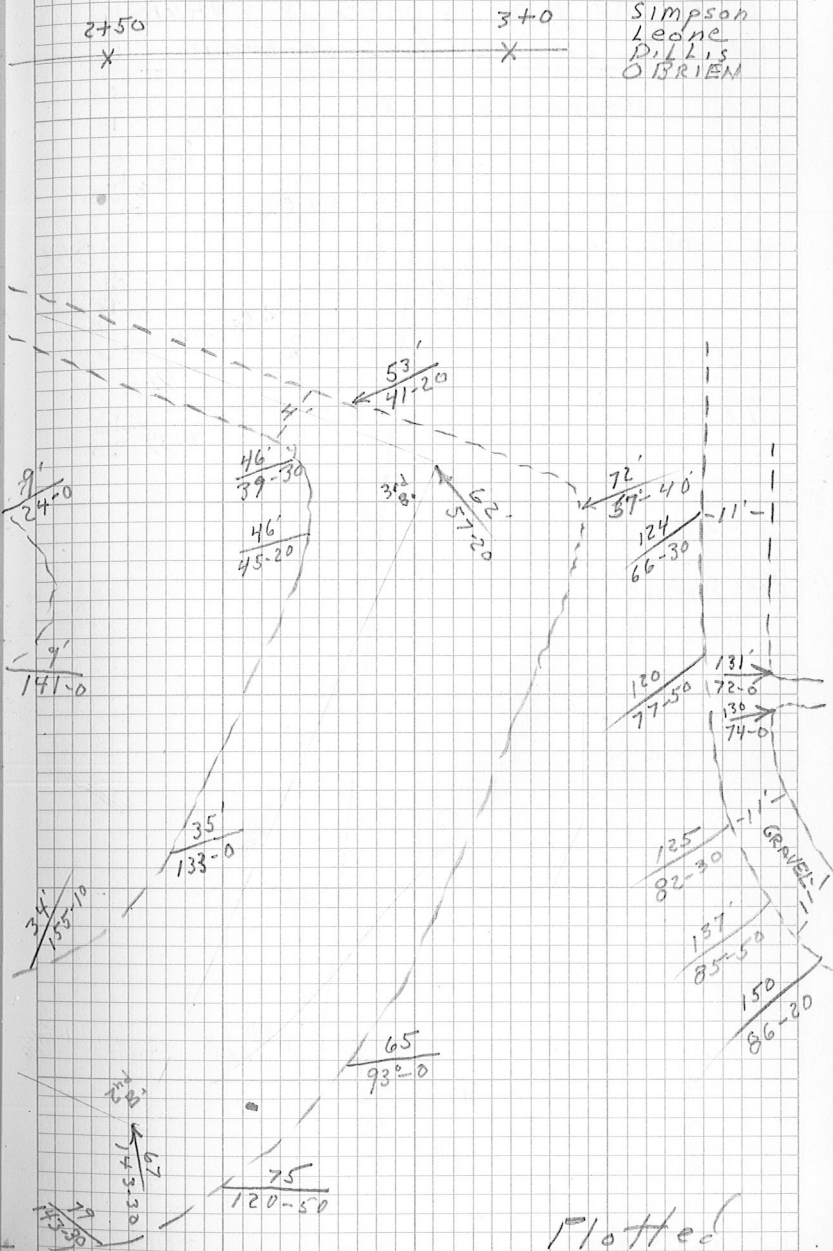
ST.

COHASSET

2/3/81

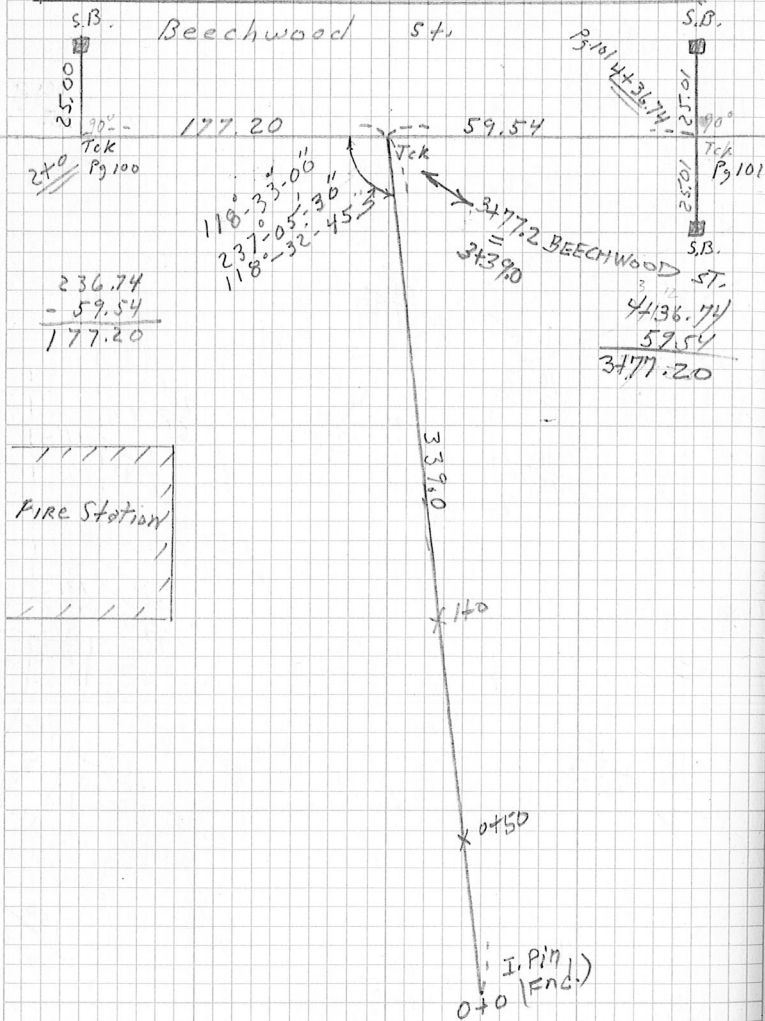
Simpson
Leone
PILLIS
O'BRIEN

117



118 BEECH WOOD ST. & CHASSET 2/4/81

SKETCH OF B TO BE USED IN TAKING
DETAIL ON ELY. SIDE OF LOCUS

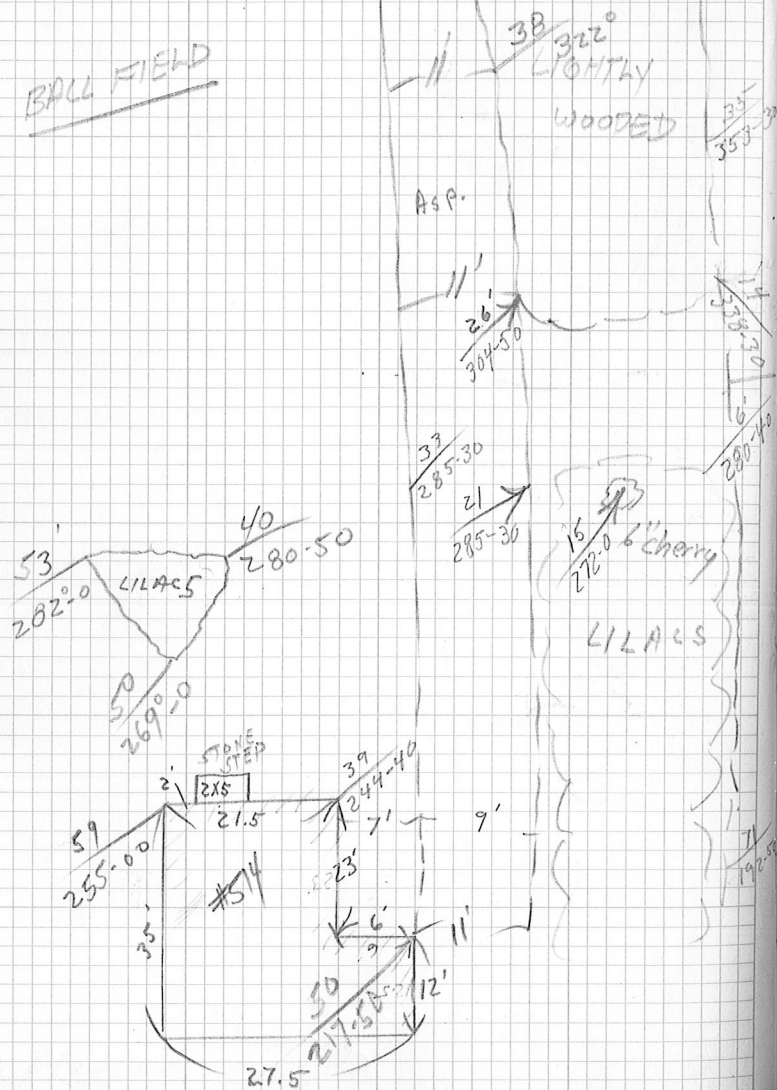


120

BEECHWOOD
ASP ROAD

ST.

BALL FIELD



COHASSET

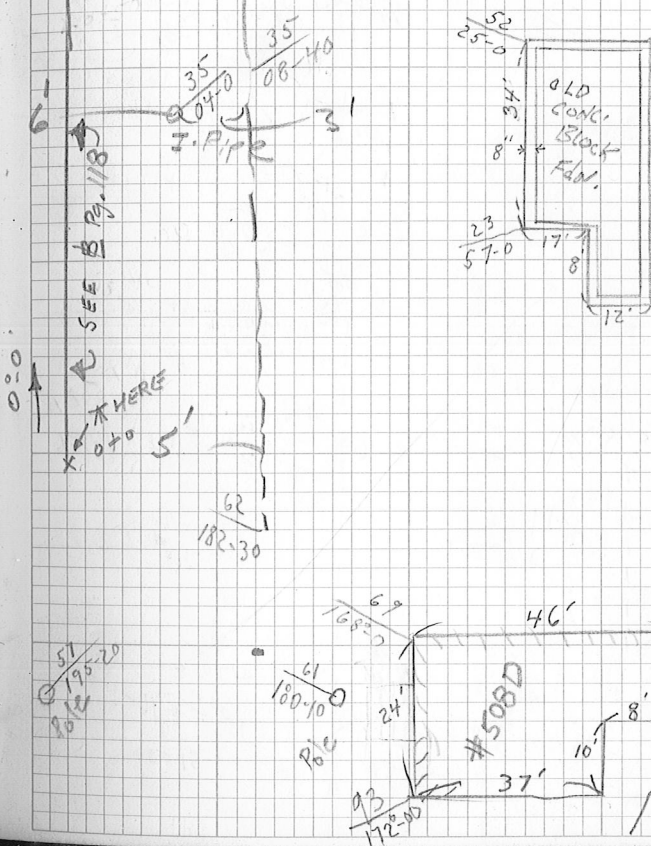
2/4/81

121

SIMPSON
Leone
Pillis
O'Brien

X 0+50

ASP.

38
30
353.30
Pole

122
SDBEECHWOOD
ASP. ROAD

ST.

Asp. Berm

12 x 64

24" M

SP=30'

58' x 56'

Gravel Dr.

X

1+

x 46

48' x 38'

+40

14

x 31 14" M

38'

+17

7'

x 6

16

+17

+20

5'

x 15

10'

+14

50'

ASP. Dr.

on STA.

26'

X

1+

8.5

5

x 40

8.5

x 40

8.5

x 40

8.5

Conc. Block
Ret. Wall

8"

3' wide
Flagstone Wk

588A

Pg 106

+76

24.5

+70

15'

x 4

16-P

SP=30'

X

0-50

+85
21' x 17'lightly
wooded

36

25

4'

COHASSET

2/4/81

123

364

X

3-

13'

Asp. Berm (ENDS
AT. 3+0)

X

2+50

7'

+45 6" Hem

20'

x 4

2

SP=14'

Gravel
Dr.

+21

21'

ASP.

+26 6" Hem

18'

x 4

2

SP=8'

+26

48'

x 4

2

SP=30'

24" A

+05 4" Hem

17'

x 4

2

SP=4'

on STA.

+23

23'

X

2-

4'

+94 +89

16'

x 4

2

SP=30'

24" P

+76

24.5

x 4

2

SP=30'

508

Pg 107

+85

14'

x 4

2

SP=8'

6" Hem

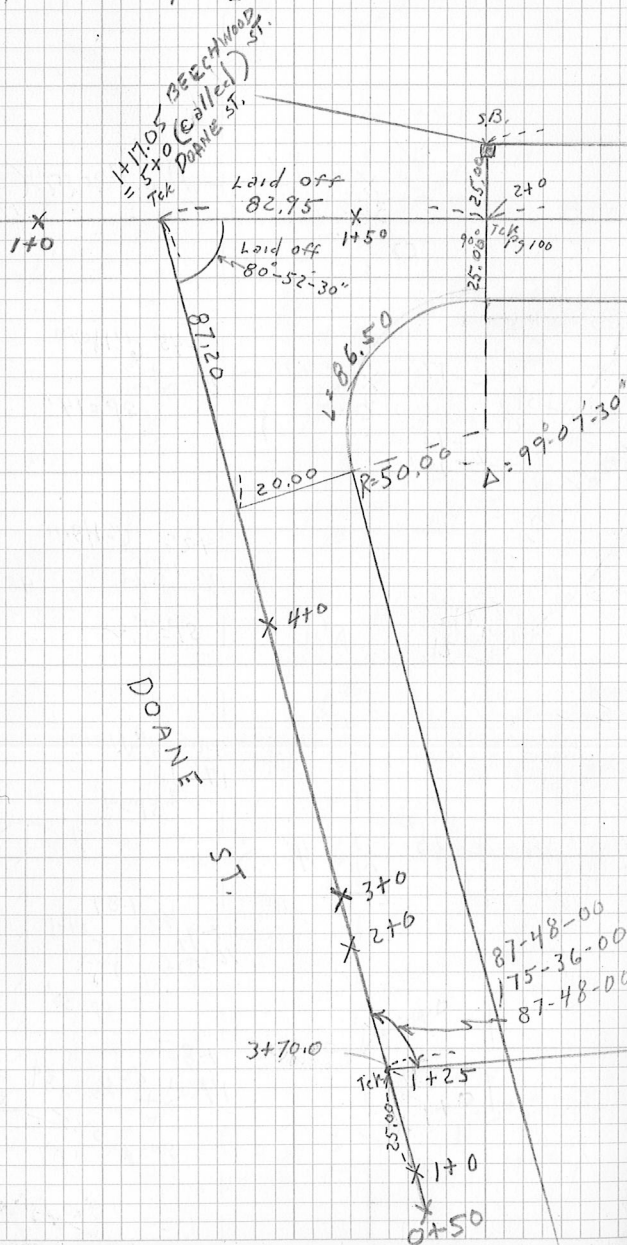
+59

54.5

Plotted

124

DOANE ST. & BEECHWOOD ST.
 SETUP B For DOANE ST. AND

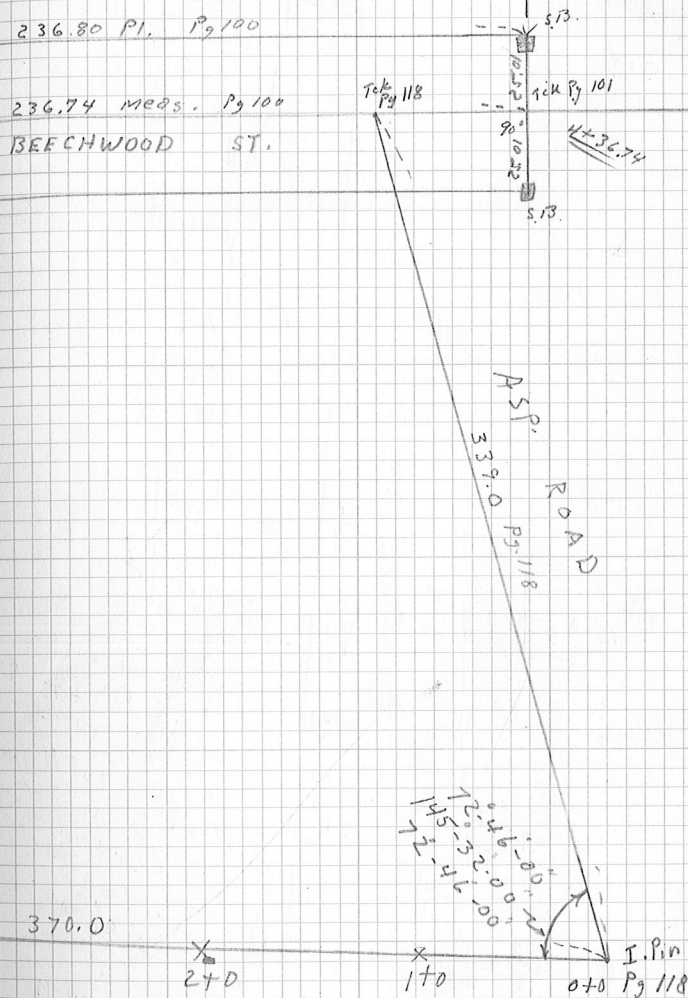


125

COHASSET
 SLY PORTION OF LOCUS

2/5/81

SIMPSON
 LEONE
 DILLIS
 O'Brien



plotted

126

DOANE ST

COHASSET

364

4-4" Ced. +09
38'SP=20
16" A +79
34
+78
25
Grav. wall
17 39'Pole +72
20.5
+71
18'
+67
21.5
+66.5
20
+62
20

DOANE ST.

SEE 124

FOR 12

+25
13'
+25
20.5
Chain link Fence
+03 CB.
14'+98
20.3
+90
20
+89
20.5
+79
23'Wood Fence Post
+76
39.5
+73
51
+71
24
10" M
+75
11.5
+69
18" A
SP=20
+71.5
14
+67
11
6" M
+50
20" M
SP=30

Plotted

DETAIL

2/5/81

127

+07
51
+97.5
19
5.5
+97
18
+95
5.5
+96
18
+82.5
50
+84
17.5
ASP
ASP DR.
8'
+75
6.5
+77
50'
+69
7'
+60
16.5
water off
shot +60
12'
+50.5
13'
+45
29.5
+48.5
8'

DOANE ST

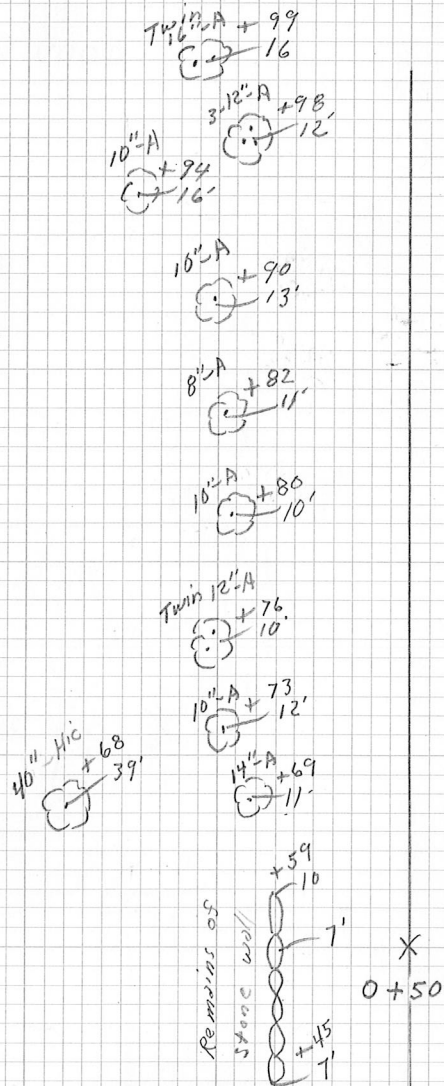
16'
22'
5' High
FENCE
CHAIN LINK
+75
15.5
+75
25
+50
14.5
21'

132

DETAIL

BASEBALL FIELD

SET UP B From ASP. ROAD TO
DOANE ST. Pg. 124 & 125

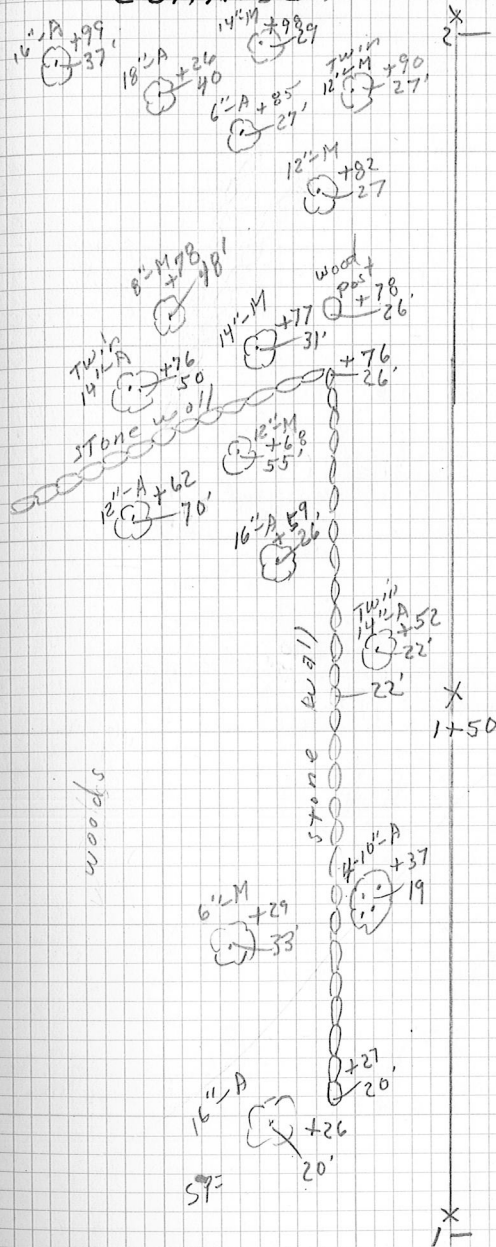


COHASSET

2/6/81

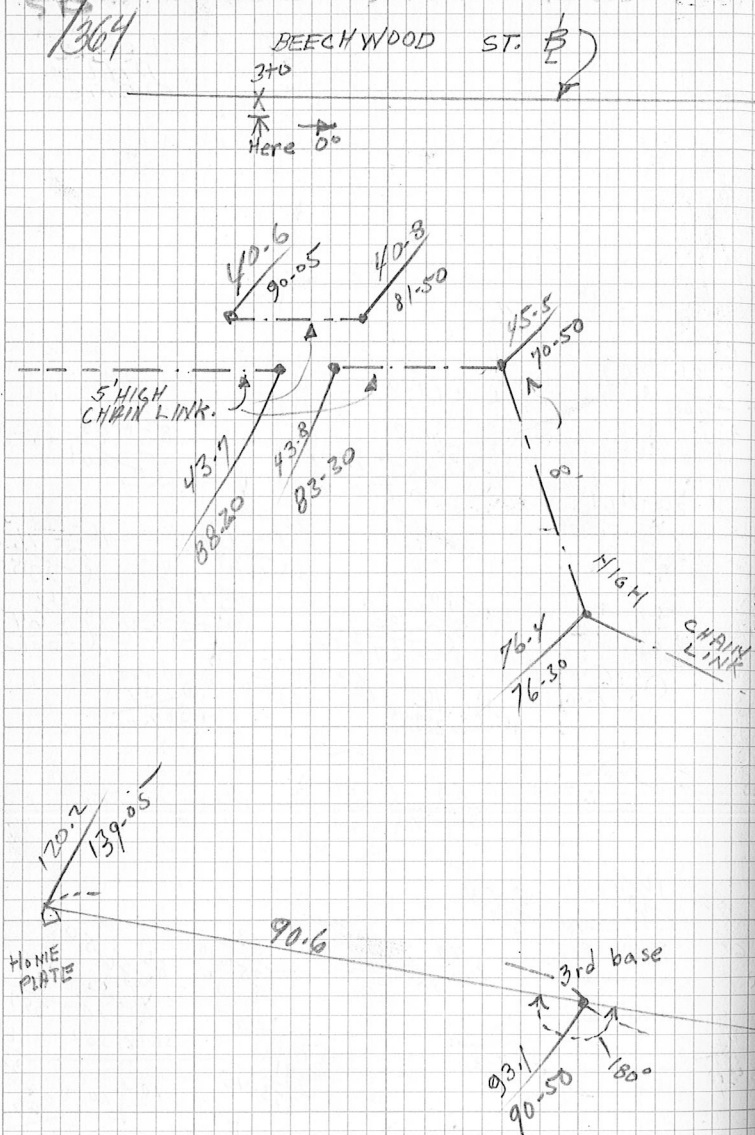
133

LEONE
DILLIS
OBRIEN

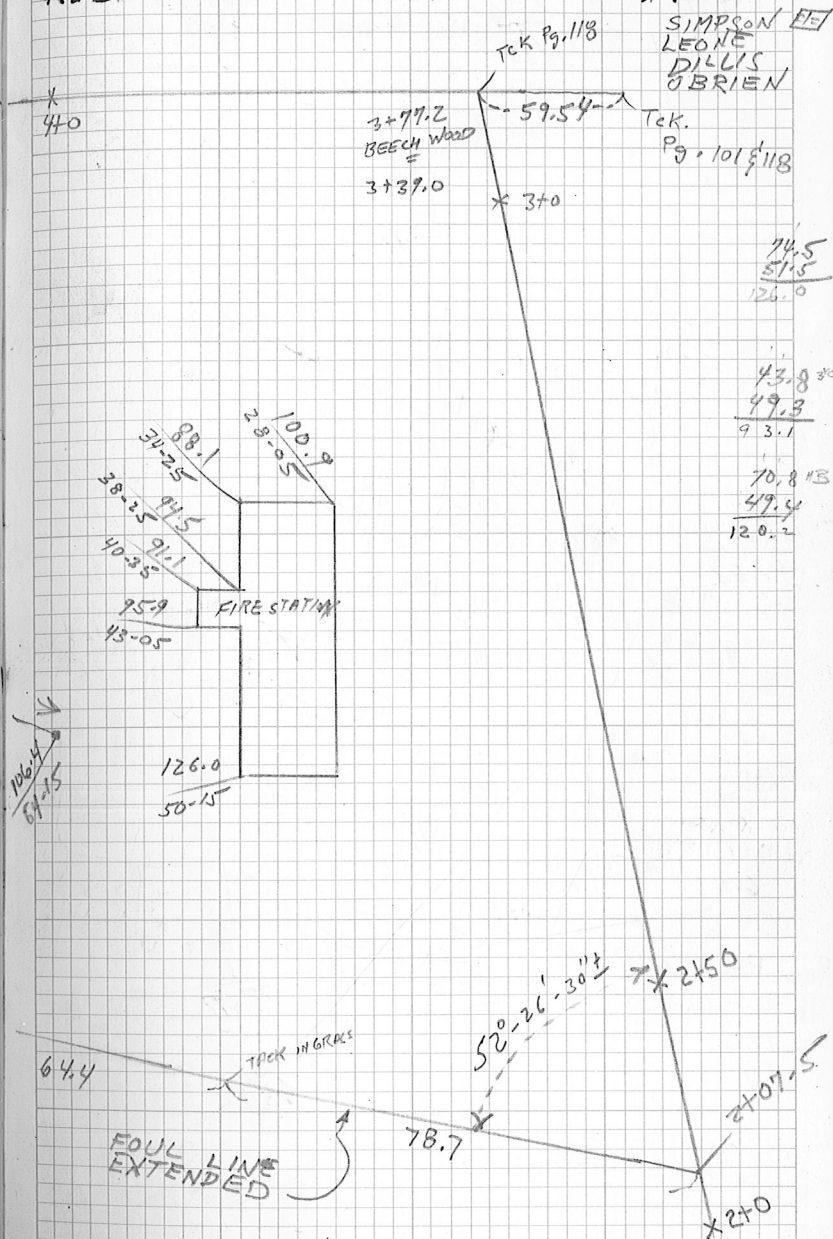


Plotted

136/BEECHWOOD ST. & COHASSET



ADDITIONAL DETAIL & FEB. 12, 1981 137



2/12/81

25.68

B.M. 72.87

Pg. 141

Inst.

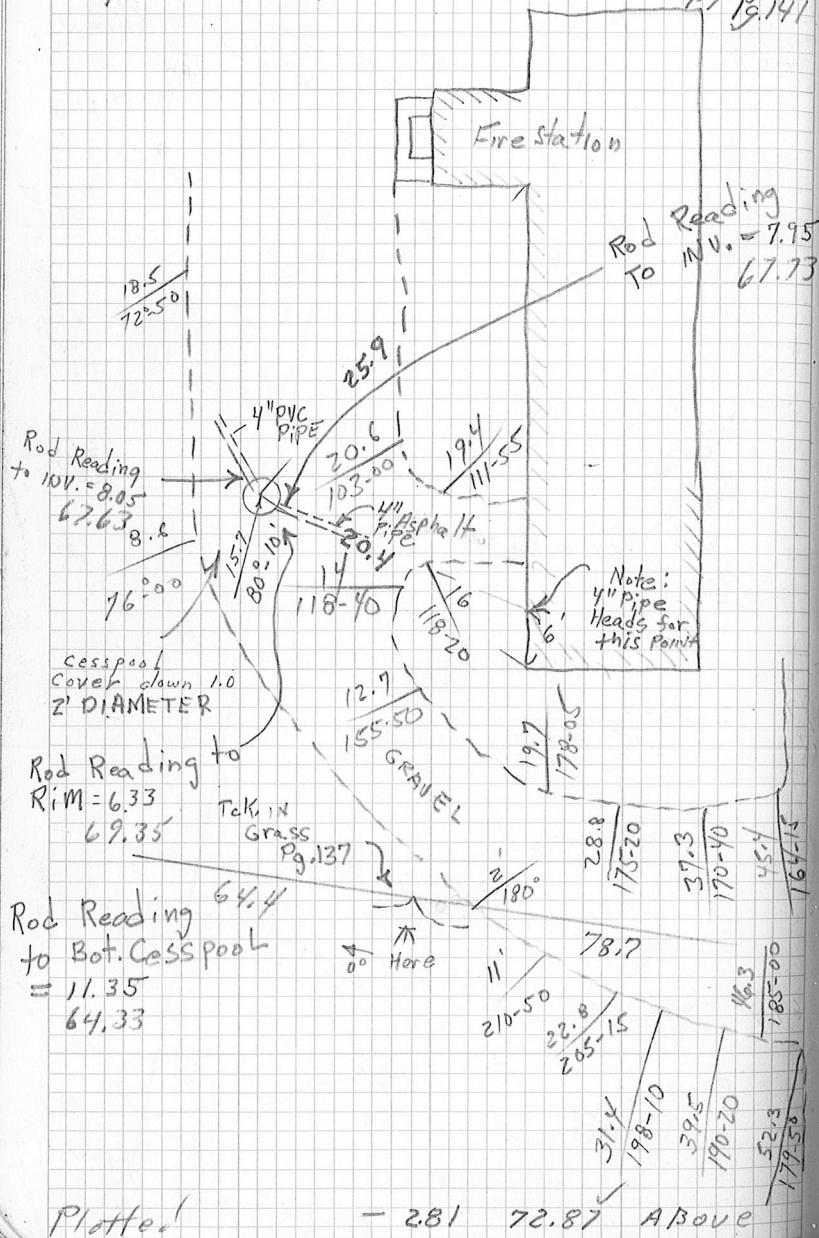
Tape

Wthr & Temp.

Date

Crow

364



140 BEECHWOOD ST. $\rightarrow$ COHASSET
BENCH RUN FROM HILLSIDE AVE. TO
USING B.M.'S supplied to us from Gale

(Field Book 364)

STA. & OFFSET	+	H.I.	-	ELEV.
	6.765	87.20		80.435
	0.01	84.07	3.14	84.06
	0.01	73.96	10.12	73.95
	6.69	69.01	11.64	62.32
	8.60	75.21	2.40	66.61
	3.97	75.27	3.91	71.30
	5.22	78.085	2.41	72.86
	1.66	71.645	8.10	69.985
	1.06	60.785	11.92	59.725
			10.22	50.565

BEECHWOOD ST. $\rightarrow$
3+86.53 471 R+
BEECHWOOD ST. $\rightarrow$
1737.5; 29 Lt.

BENCH RUN FROM #48 ABOVE	TO REF	B.M. 68K-10A
3.385	83.82	80.435
0.22	78.07	5.97
4.35	73.06	9.36
1.40	62.90	11.56
0.10	51.64	11.36
		5.50
		46.14

CHECK RUN #48	TO	68K-10A
2.69	83.125	80.435
1.815	74.68	10.26
9.35	80.53	3.50
0.55	72.06	9.02
1.41	62.93	10.54
3.00	57.68	8.25
2.74	51.95	8.47
		5.79
		46.16

BENCHMARKS $\rightarrow$ FEB. 12, 1980 141
COR. OF BEECHWOOD & DOANE STS.
Eng. Co. RUN FROM #48 TO #49 TO #355

SIMPSON
LEONG
DILLIS
BRIEN

ADJ. ELEV.	REMARKS
80.435	B.M. #48 CHIS. CUT (X-CUT ON street Bolt) on Hyd. bolt @ BEECHWOOD + HILLSIDE DR.
	T.P. L.O.C. Conc. Platf Hse. #471 & 473
	T.P. Cor. Conc. Post
	T.P. on Stone
	T.P. on Stone
	T.P. CHIS. SQ L.O.C. Conc. Apron @ Fire Hse.
72.865	B.M. #49 on Conc. wall @ Cemetery @ Corner of Beechwood & Doane St.
	T.P. CONC. CURB
	T.P. STONE
50.58	B.M. #355 CHIS. SQ ON N.E. side of DOANE ST. IN CONC. REBUTMENT
	NOTE SEE Pg. 160 For 1982 WORK SEE N.B. 453 PG. 24
80.435	B.M. #48 Above
	T.P. Stone
	T.P. Conc. Curb
	T.P. TOP OF BOULDER
	T.P. STONE
	B.M. #68K-10A Monel Rivet Set in S.W. Cor. Conc. Culvert on Drive way to Beechwood Pumping Station
	ELEVATION PER RECORD = 46.31
	B.M. #48 above
	T.P. Stone
	T.P. Stone
	T.P. Stone
	T.P. Boulder
	T.P. Boulder
	T.P. Stone
	B.M. #68K-10A

✓ A.L. 3/9/81

142 BEECHWOOD ST. & COHASSET

+ 2.58

75.45
↑

USING BEECHWOOD ST. B

3+0	0	10	ETW 20.5	25	30	40
	5.2	5.3	5.5	5.2	5.4	5.1
	70.3	70.2	70.0	70.3	70.1	70.4

100	110	120	130
5.0	5.0	5.0	4.9
70.5	70.5	70.5	70.6

3+20	0	10	ETW 20	25	30	40
	5.2	5.3	5.4	5.5	5.4	5.3
	70.3	70.2	70.1	70.0	70.1	70.2

110	120	130
5.1	5.1	5.0
70.4	70.4	70.5

3+40	0	10	20	ETW 21.5	25	30
	5.2	5.3	5.4	5.6	5.5	5.4
	70.3	70.2	70.1	69.9	70.0	70.1

110	120	130
5.1	5.0	5.0
70.4	70.5	70.5

ELEVATIONS AT FIRE STATION

143 FEB. 12, 1961

364

72.865
USE 72.87
FOR ELEV.

CHIS. SR. ON CONC. WALL
@ Cemetery @ Corner of
BEECHWOOD & DOANE STs.

FENCE

44.5	50	60	70	80	87	90
5.1	5.2	5.4	5.4	5.2	4.9	4.9
70.4	70.3	70.1	70.1	70.3	70.6	70.6

50	60	70	76	80	90	100
5.1	5.1	5.1	5.1	5.1	5.0	5.1
70.4	70.4	70.4	70.4	70.4	70.5	70.4

40	50	60	70	80	91	100
5.2	5.1	5.0	5.1	5.1	5.1	5.1
70.3	70.4	70.5	70.4	70.4	70.4	70.4

Plotted

144 BEECHWOOD ST. 2 CHASSET 75.45 ✓ 5x364

3+60	0	10	20	25	30	40
	5.4	5.5	5.5	5.5	5.4	5.2
	70.1	70.0	70.0	70.0	70.1	70.3

120	130
5.0	4.9
70.5	70.6

+ 3.31

74.63 ✓
A

3+80	0	10	20	25	30	31.5
	4.8	4.9	5.0	4.9	4.9	4.8
	69.8	69.7	69.6	69.7	69.7	69.8

4+0	0	10	20	25	30	40	50
	5.0	5.2	5.4	5.2	5.1	4.9	4.7
	69.6	69.4	69.2	69.4	69.5	69.7	69.9

E. DRIVE	ON DRIVE	E. DRIVE		
102	110	116	120	130
4.8	4.5	4.2	4.3	4.1
69.8	70.1	70.4	70.3	70.5

C.B. Rt.

4+08.5

0	10	19
5.0	5.3	5.91
69.6	69.3	68.72

C.B. (Rim Elev.)

4+20	0	10	ETW 14	20	25	30	40
	5.0	5.3	5.4	5.5	5.5	5.5	5.2
	69.6	69.3	69.2	69.1	69.1	69.1	69.4
	100	110	120	126	130		
	4.1	4.1	4.1	4.1	4.2		
	70.5	70.5	70.5	70.5	70.4		

ELEVATIONS AT FIRE STATION FEB. 12, 1981 145

50	60	70	80	90	100	110
5.2	5.2	5.2	5.4	5.1	5.2	5.1
70.3	70.3	70.3	70.1	70.4	70.3	70.4

- 4.13

71.32 ✓

T.P.

	@ 1 ON CONC. APRON	1 CONC. ON FLOOR APRON	ON CONC. FLOOR ELEV.
40	43.5	48.5	48.5
4.1	3.79	3.27	3.21
70.5	70.84	71.36	71.42

60	70	E. Asp. 75	80	90	100
4.6	4.5	4.4	4.6	4.7	4.7
70.0	70.1	70.2	70.0	69.9	69.9

Asp. Berm

50	60	64	62.5	70	80	90
5.2	4.8	4.6	4.7	4.6	4.5	4.2
69.4	69.8	70.0	69.9	70.0	70.1	70.4

Plotted!

146 BEECHWOOD ST. & COHASSET

74.63

4440	0	10	12	20	25	30
	5.2	5.3	5.5	5.5	5.5	5.5
	69.4	69.3	69.1	69.1	69.1	69.1
	← ASP. BERM →					
100	106.5	107	108.5	110	120	
4.9	4.3	4.1	4.3	4.2	4.0	
69.7	70.3	70.5	70.3	70.4	70.6	

4460	0	10	20	25	30	40
	5.4	5.5	5.8	5.8	5.8	5.7
	69.2	69.1	68.8	68.8	68.8	68.7
110	120	130				
5.2	5.0	4.5				
69.4	69.6	70.1				

ELEVATIONS AT FIREHOUSE FEB. 12, 1981

147
364

40	50	60	70	80	90
5.5	5.4	5.4	5.4	5.4	5.1
69.1	69.2	69.2	69.2	69.2	69.5
	130				
	3.6				
	71.0				

50	65	70	80	90	100
5.4	5.6	5.5	5.6	5.6	5.4
69.2	69.0	69.1	69.0	69.0	69.2

-1.75

72.88 B.M TO P. P. 143
USE 72.865

Plotted

$$\frac{148}{364} + 2.88$$

BEECH WOOD ST

ELEVATIONS AT FIRE STATION

COHASSET

2/13/81

149

B.M. 72.87

Pg 140

LEONE

FIRE STATION

Plotted
Above

$$\rightarrow 2.88$$

72.87

150

BEECHWOOD

+ 3.39

ST.

76.26

ELEVATIONS ON FIREHOUSE

COHASSET

2/13/81

151

B.M. 72.87

Pg. 140

FIRE STATION

H.S. BERM

CONC.

26'

11'

8.5'

13'

18.5'

13'

18.5'

13'

18.5'

13'

18.5'

13'

18.5'

- 3.39

B.M. 72.87

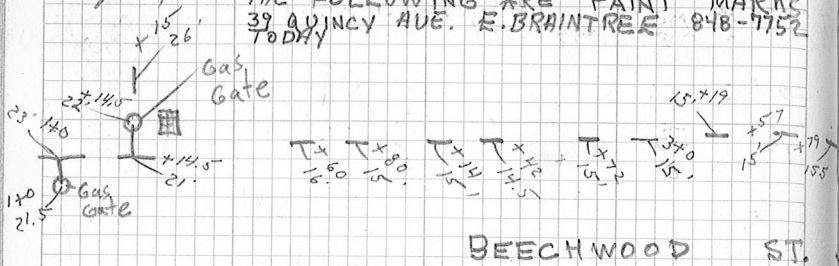
Above

Plotted

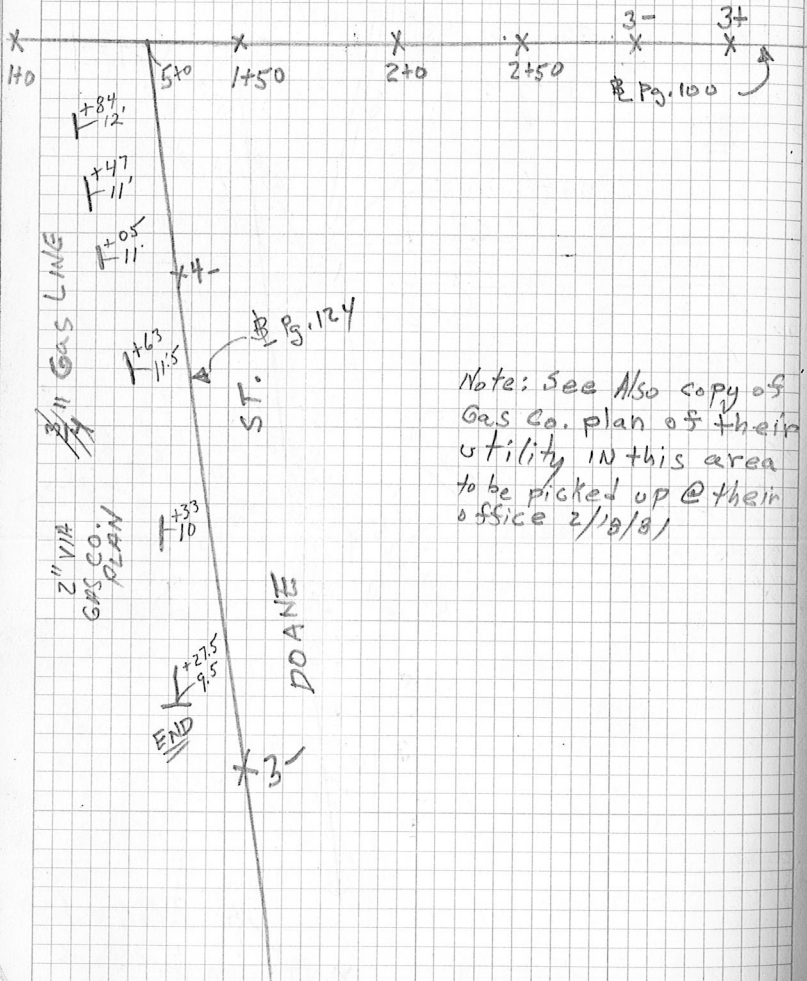
154

BEECHWOOD & DOANE ST

THE FOLLOWING ARE PAINT MARKS
39 QUINCY AVE. E. BRAINTREE 848-7753
T2 DRY



BEECHWOOD ST.



Note: See Also copy of Gas Co. plan of their utility in this area to be picked up @ their office 2/18/81

GAS LINE LOCATION

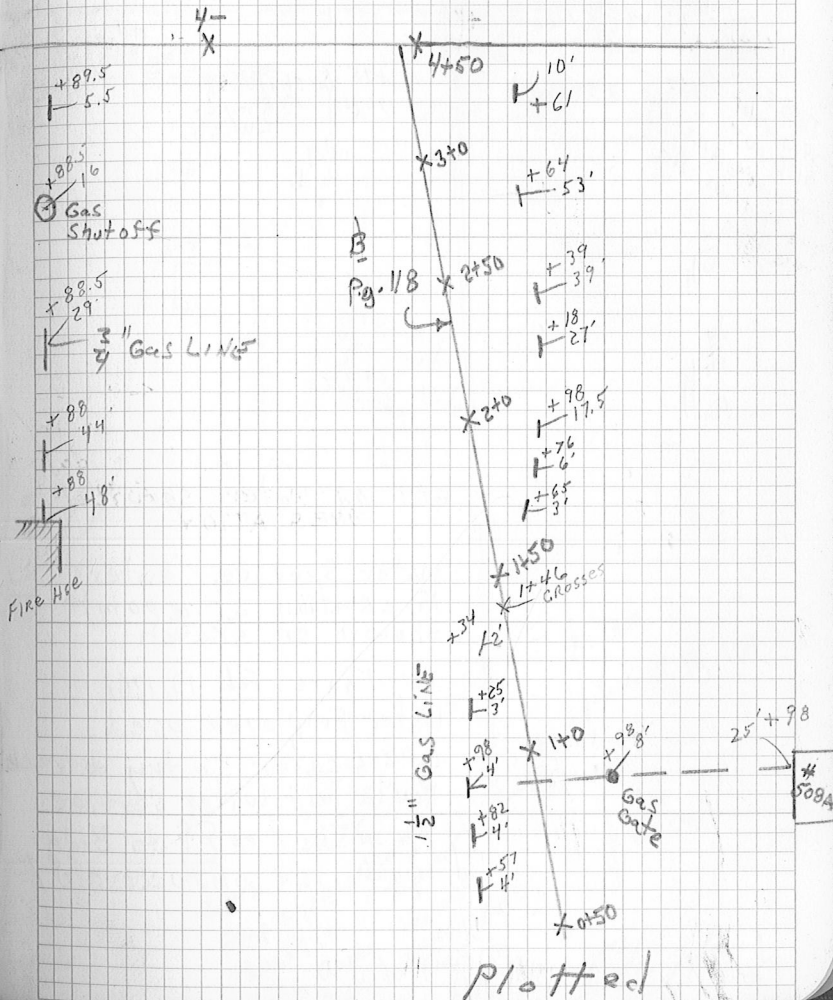
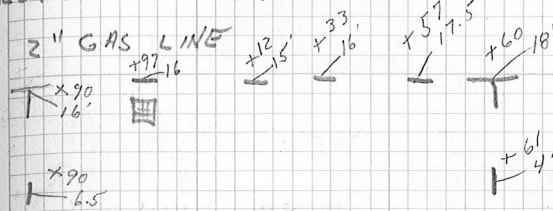
2/17/81

155

THAT MR. BARKER OF BOSTON GAS
SCOPED OUT FOR US

SIMPSON
LEONE 
OBRIEN
DILLIS

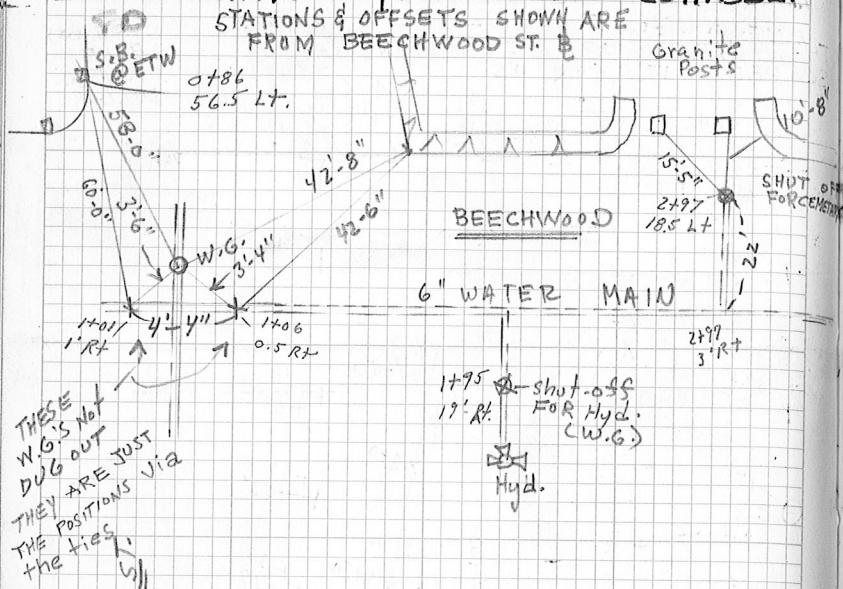
2" GAS LINE



Plotter

15 BEECHWOOD & DOANE STS. & COHASSET

STATIONS & OFFSETS SHOWN ARE
FROM BEECHWOOD ST. E

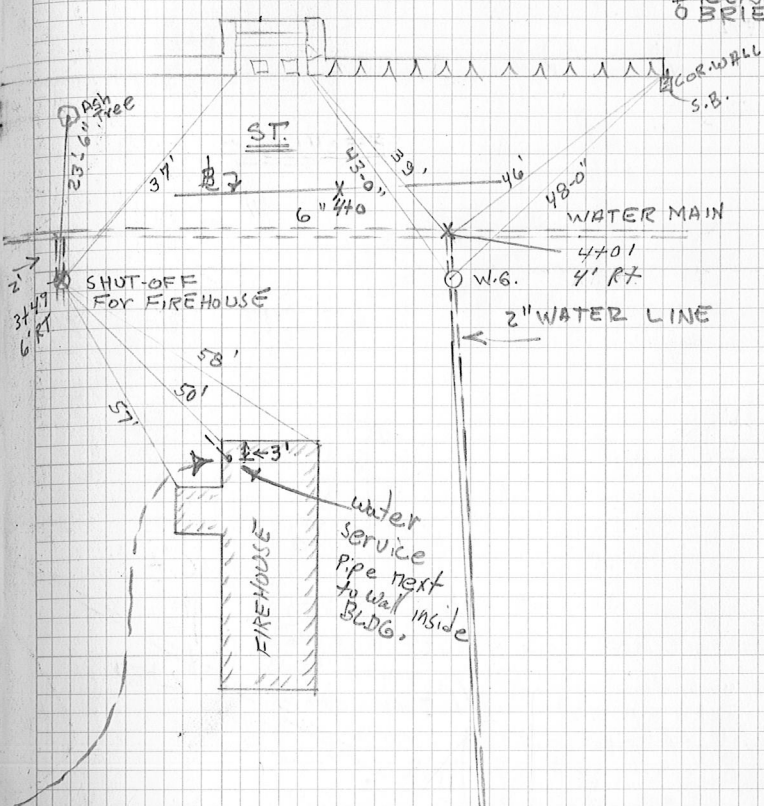


WATER LINE LOCATIONS 22 FEB. 18, 1981 157

NOTE: ALL TIES FROM WATER DEPT. RECORDS

CEMETERY

SIMPSON
LEONE
DILLIS
O'BRIEN



Note: ON Water Service to
FIRESTATION

Water Service enters
Fire Station at a point
shown on sketch

ON Thurs. Feb 19, 1981
Water Employee used
Pipe locator to try to trace
Route of water service
From shut-off to Bldg.
but was unsuccessful

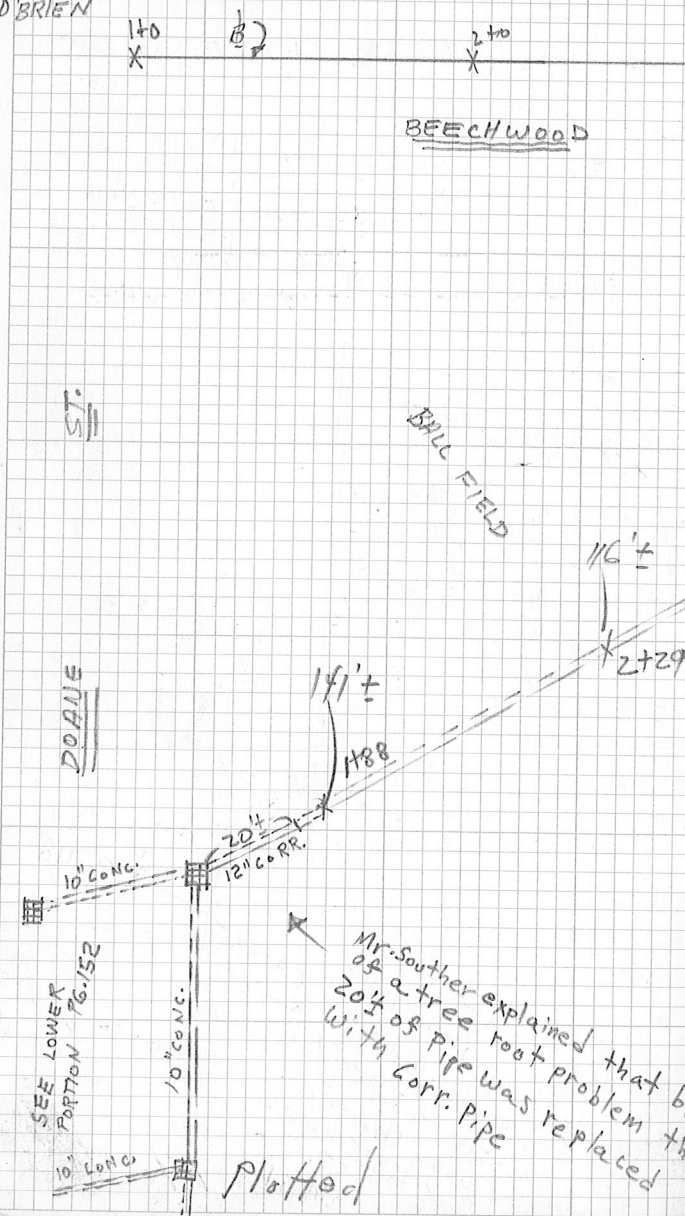
Note: This spot pointed
to us by Water Dept.
Employee as being
Location of 2" water
line going straight
back to BEECHWOOD
ST.
2/18/81

Plotted

158 BEECHWOOD & DOANE STS. = COHASSET

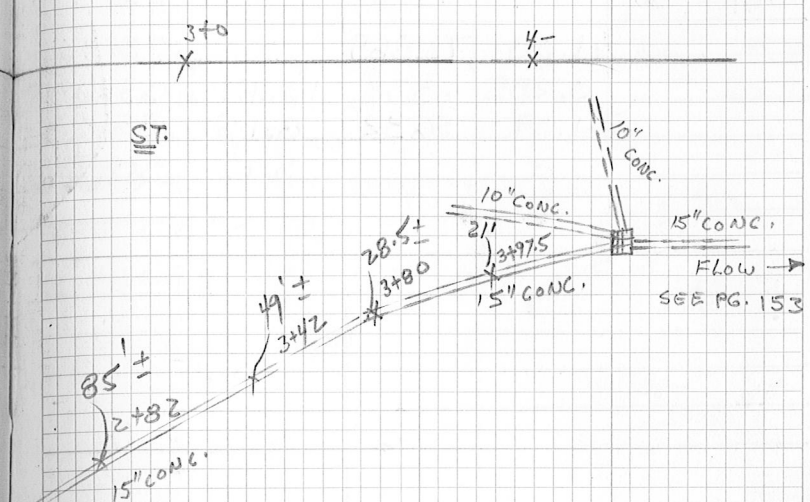
2/19/81
SIMPSON
LEONE
D'BRIEN

LOCATION OF DRAIN LINE ACROSS BALL FIELD



Mr. Souther also explained that there was a old drain line crossing the outfield that was abandoned when the above line was put into use.

Mr. Souther explained that because of a tree root problem the first 20' of pipe was replaced with corr. pipe



Note: ON Feb. 18, 1981 Mr. Souther Foreman of the Cohasset Highway Dept. came to the job to assist us in the location of the drain line. He said was working for the Town of Cohasset when the line was installed 20-30 years ago. We established the location & direction of the pipe within 30' ± of each C.B. by actually getting in the C.B.s and sighting out the pipe - we were told by Mr. Souther that the line generally ran in a straight line between the Basins. For an accurate location of the pipe test holes would have to be dug.

Wayne Simpson

160

BENCH RUN FROM #49 TO #355
TO CHECK ON #355 (Aug. 27, 1982)

SEE PG. 140 & 141

STA. & OFF. + H.I. - ELEV.

1.00 73.865

72.865

0.285 63.38

10.77

63.095

1.09 56.32

8.15

55.23

5.76

50.56

J. CROWLEY [] & T

E. KELLY []

Aug. 27, 1982

BM #49 CONC. WALL @ CEMETERY

T.P. NAIL IN TEL. POLE

T.P. SPK. IN TEL. POLE #12C

(50.58) BM #355 CONC. ABUTMENT

SEE NB. 453 P. 24

NO MOVEMENT OF #355 SINCE FEB. 12, 1980