

NORFOLK COUNTY
ENGINEERS DEPT.

NO. 328

328

F.B. 328

COUNTY OF NORFOLK
ENGINEERING DEPT.
649 HIGH STREET
DEDHAM, MA 02026

1-781-461-6128

Inst.

Tape

Wthr & Temp.

Date

Crew

328/1

2 CROSS SECTIONS - ELM

1328 + 9.46 205.20 ✓
 Λ

4- swamp 0
 10.7
 194.5

3+ 0
 10.2
 195.0

3- 0
 9.2
 196.0

2+ 0
 6.1
 199.1

2- 60 50 38 E 1799.1 ETW 17
 3.9 3.7 3.6 6.5 6.4 5.9
 201.3 201.5 201.6 198.7 198.8 199.3

Profile & T.W.
 1+65 Ask.

1+50 200 150 100 50 0
 9.7 9.8 8.9 6.6 4.5
 195.5 195.4 196.3 198.6 200.7
 ETW
 60 50 30 5 0
 10.6 10.2 0.3 2.3 4.0
 205.8 205.4 204.9 202.9 201.2 ✓

212.68
 Λ
 + 10.42

1+0 60 50 30 15 0
 5.0 4.3 5.0 5.7 7.9
 207.7 208.4 207.7 207.0 204.8

0+50 60 50 30 15 0
 6.2 5.8 5.3 5.8 6.6
 206.5 206.9 207.4 206.7 206.1

+ 1.87 210.09 ✓
 Λ

ST. - MEDFIELD April 4, 1968 3

195.74 ✓ B.M. Spk 2-10" O's HIGH ST
 N.B. 310 pg. 122

10 0 20 30 50 60
 3.4 3.9 4.5 4.9 4.7 4.8
 201.8 201.3 200.7 200.3 200.5 200.4

50 100
 3.2 1.6
 202.0 203.6

ETW < SWAMPY
 9 18 25 30 50 60
 4.0 3.8 3.4 5.2 5.4 5.6
 201.2 201.4 201.8 200.0 199.8 199.6

- 2.94 202.26 ✓ T.P. Boulder 1+48 Lt 28'

ETW 4 5 ETW
 15 35 43 49 52 65
 9.2 9.9 9.6 9.4 9.3 9.3
 203.5 202.8 203.1 203.3 203.4 203.4

ETW 4(2) ETW
 15 35 52 56 64 71 80
 5.0 4.7 5.4 7.6 7.2 7.1 5.3
 207.7 208.0 207.3 205.1 205.5 205.6 207.4

- 4.44 208.24 ✓ B.M. Vert Spk 12" P.
 208.22 4SE 0+44; 102' Rt.
 N.B. 310 pg. 122

LJB ✓

4/CROSS SECTIONS - ELM

1328

210.09

ST. - MEDFIELD

April 8 1968

P.R.
R.W.
L.B.
J.F.

0+0	60	50	30	25	0	30	50	ETW
	4.8	4.7	2.4	1.6	1.9	2.0	2.3	3.5
	205.3	205.9	207.7	208.5	208.2	208.1	207.8	206.6

0+50	60	50	30	0	30	42	ETW
	6.1	5.9	5.7	4.9	5.0	3.5	3.6
	204.0	204.2	204.4	205.2	205.1	206.6	206.5

1+0	60	50	30	0	30	34	ETW
	5.2	5.9	5.7	3.7	2.8	3.7	3.5
	204.9	204.2	204.4	206.4	207.3	206.4	206.6

TOP BANK 1+30	60	43	30	13	0	7	ETW
	7.3	7.6	5.7	3.0	2.2	3.2	3.4
	202.8	202.5	204.4	207.1	207.9	206.9	206.7

1+50	60	45	30	12	0	22	ETW
	8.1	8.7	7.5	5.8	5.6	4.6	4.1
	202.0	201.4	202.6	204.3	204.5	205.5	206.0

2+0	60	50	30	15	0	11.5	ETW
	11.8	11.2	10.7	9.6	7.5	5.1	4.7
	198.3	198.9	199.4	200.5	202.6	205.0	205.4

2+50	60	50	30	10	3	0	ETW
	12.6	12.3	10.9	8.8	7.0	6.9	6.5
	199.1	199.4	200.8	202.9	204.7	204.8	205.2

3+0	60	50	30	14.5	8	0	ETW
	12.3	10.7	8.1	6.6	6.3	6.0	5.3
	199.4	201.0	203.6	205.1	205.4	205.7	206.4

3+50	75	70	50	36	30	24	ETW
	10.5	10.5	6.1	4.8	5.5	5.3	5.1
	201.2	201.2	205.6	206.9	206.2	206.4	206.6

4+0	70	54	50	45	37	30	ETW
	5.5	4.7	4.6	4.3	4.2	3.4	2.5
	206.2	207.0	207.1	207.4	207.5	208.3	209.2

ETW	ETW	ETW	ETW	ETW
62	68	71	74	90
3.4	3.4	3.0	2.0	2.2
206.7	206.7	207.1	208.1	207.9

ETW	ETW	ETW	ETW	ETW
53	60	69.5	75	
3.4	3.4	3.2	3.1	
206.7	206.7	206.9	207.0	

ETW	ETW	ETW	ETW	ETW
49	51	59	75	
3.3	2.6	2.4	1.8	
206.8	207.5	207.7	208.3	

ETW	ETW	ETW	ETW	ETW
36	43	48	53	64
3.8	3.6	3.7	3.1	1.7
206.3	206.5	206.4	207.0	208.4

ETW	ETW	ETW	ETW	ETW
41	47.5	60	75	
4.1	2.1	+0.8	+3.5	
206.0	208.0	210.9	213.6	

ETW	ETW	ETW	ETW	ETW
39.5	50	65		
3.2	2.6	0.5		
206.9	207.5	209.6		

ETW	ETW	ETW	ETW	ETW
13	30	34	50	60
6.5	6.2	6.2	6.0	5.7
205.2	205.5	205.5	205.7	206.0

ETW	ETW	ETW	ETW	ETW
30	50	60		
5.0	4.0	3.5		
206.7	207.7	208.2		

ETW	ETW	ETW	ETW	ETW
30	50	60		
3.6	2.9	2.2		
208.1	208.8	209.5		

ETW	ETW	ETW	ETW	ETW
0	15	30	50	60
0.9	0.8	0.5	+0.2	+0.3
210.8	210.9	211.2	211.9	212.0

ETW	ETW	ETW	ETW	ETW
0.43	211.29			

LJBV

B.M. Chis, Sq ledge 310/122

6 CROSS SECTIONS ELM 215.95V ST. - MEDFIELD APRIL 8, 1968

Bit Drive left
4+16 Ask.

	Bit.	Drive	ETW	¢	ETW	¢	ETW	¢
	150	125	100	75				
	12.4	11.5	10.0	8.9				
	203.6	204.5	205.9	207.1				
4+50	90	80	77	69	62	58	50	30
	8.0	7.4	8.1	8.1	8.0	7.2	6.9	6.6
	208.0	208.6	207.9	207.9	208.0	208.8	209.1	209.4
5+0	100	88	82	75	69	64	50	30
	9.3	7.3	9.3	9.2	9.4	7.1	7.0	6.2
	206.7	208.7	206.7	206.8	206.6	208.9	209.0	209.8

	ETW	¢	ETW	¢	ETW	Top	ETW	¢
	84	76	69	62	50	30		
	12.8	12.7	12.9	9.7	8.5	8.1		
	203.2	207.3	203.1	206.3	207.5	207.9		
5+50								

	ETW	¢	ETW	Top	ETW	Top	ETW	Top
	74	68	61	58	50	30		
	13.1	13.0	13.2	11.0	9.4	6.2		
	197.6	197.7	197.5	199.7	201.3	204.5		
6+0								

	ETW	¢	ETW	Top	ETW	Top	ETW	Top
	65	58	50	42	30			
	15.7	15.6	15.6	13.3	12.2			
	195.0	195.1	195.1	197.4	198.5			
6+50								

	ETW	¢	ETW	Top	ETW	Top	ETW	Top
	60	51	45	37	30			
	7.8	7.1	6.8	6.6	6.2			
	192.2	192.9	193.2	193.4	193.8			
7+0								

	ETW	¢	ETW	Top	ETW	Top	ETW	Top
	41	34	30	25	22			
	7.6	7.2	7.1	7.0	6.3			
	192.4	192.8	192.9	193.0	193.7			
7+50								

	ETW	¢	ETW	Top	ETW	Top	ETW	Top
	60	50	30	22	15			
	10.9	10.3	7.8	7.6	7.4			
	189.1	189.7	192.2	192.4	192.6			
8+0								

ETW	¢	ETW	¢	ETW	¢
65	56	48	45	30	0
8.5	8.3	8.3	7.3	7.4	5.2
207.5	207.7	207.7	208.7	208.6	210.8

ETW	¢	ETW	¢	ETW	¢
15	0	15	30	50	60
5.2	4.7	4.3	4.2	3.9	3.3
210.8	211.3	211.7	211.8	212.1	212.7

ETW	¢	ETW	¢	ETW	¢
15	0	15	30	50	60
5.4	4.2	3.4	3.5	3.4	3.7
210.6	211.8	212.6	212.5	212.6	212.3

ETW	¢	ETW	¢	ETW	¢
15	0	15	30	50	60
7.1	5.8	4.1	2.7	2.3	2.3
208.9	210.2	211.9	213.3	213.7	213.7

5.39 210.56 T.P. ledge

ETW	¢	ETW	¢	ETW	¢
15	0	15	30	50	60
4.0	3.0	2.6	2.3	1.5	0.5
206.7	207.7	208.1	208.4	209.2	210.2

ETW	¢	ETW	¢	ETW	¢
15	0	15	30	50	60
9.1	6.9	6.9	7.5	7.5	7.3
201.6	203.8	203.8	203.2	203.2	203.4

11.70 199.00 T.P. Stone in wall

ETW	¢	ETW	¢	ETW	¢
15	0	15	30	50	60
5.4	4.9	4.4	3.4	2.7	1.5
194.6	195.1	195.6	196.6	197.3	198.5

ETW	¢	ETW	¢	ETW	¢
15	0	15	30	50	60
7.2	6.8	5.7	4.6	3.4	2.8
192.8	193.2	194.3	195.4	196.6	197.2

ETW	¢	ETW	¢	ETW	¢
7	0	15	30	50	60
5.8	5.6	5.1	4.7	4.5	4.0
194.2	194.4	194.9	195.3	195.8	196.0

7.74 192.21 T.P.

328

LJBV

8/CROSS: SECTIONS

195.99 ✓

ELM ST.

MEDFIELD

209

328

	60	50	30	ETW	£	ETW
8+50	<u>60</u>	<u>50</u>	<u>30</u>	<u>18.5</u>	<u>10</u>	<u>0</u>
	9.0	7.6	6.4	4.3	4.1	3.9
	187.0	188.4	189.6	191.7	191.9	192.1

	60	50	30	ETW	£	ETW
9+0	<u>60</u>	<u>50</u>	<u>30</u>	<u>25</u>	<u>8</u>	<u>0</u>
	9.0	8.6	7.6	7.2	5.1	4.7
	187.0	187.4	188.4	188.8	190.9	191.3

	60	50	30	ETW	£	ETW
9+50	<u>60</u>	<u>50</u>	<u>30</u>	<u>15</u>	<u>0</u>	<u>0</u>
	9.1	8.7	8.4	7.7	5.9	
	186.9	187.3	187.6	188.3	190.1	

9+76.38 ELM ST =	<u>0</u>
65+12.89 PHILIP ST.	6.5
↑	189.5

65- PHILIP ST.	<u>0</u>
	5.9
	190.1

64+75	<u>0</u>
	4.9
	191.1

64+50	<u>0</u>
	3.2
	192.8

64+0	<u>0</u>
	1.0
	195.0

63+50	<u>0</u>
↓	1.0
	195.0

	60	50	30	ETW	£	ETW
10+0	<u>60</u>	<u>50</u>	<u>30</u>	<u>15</u>	<u>0</u>	<u>0</u>
	4.6	5.9	7.4	7.4	7.3	
	191.4	190.1	188.6	188.6	188.7	

	60	50	30	ETW	£	ETW
10+50	<u>60</u>	<u>50</u>	<u>30</u>	<u>15</u>	<u>0</u>	<u>0</u>
	+5.0	+1.2	5.3	7.9	8.7	
	201.0	197.2	190.7	188.1	187.3	

+ 6.11 194.84 ✓

	at	on	bk	30	50	60
	<u>7</u>	<u>8</u>	<u>9</u>	<u>30</u>	<u>50</u>	<u>60</u>
	2.7	1.4	2.3	2.6	2.5	2.4
	193.3	194.6	193.7	193.4	193.5	193.6

	ETW	at	on	bk	30	50	60
	<u>8.5</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>30</u>	<u>50</u>	<u>60</u>
	4.6	4.0	3.5	3.8	3.5	2.0	1.2
	191.4	192.0	192.5	192.2	192.5	194.0	194.8

	£	ETW	30	50	60
	<u>9</u>	<u>22</u>	<u>30</u>	<u>50</u>	<u>60</u>
	5.5	5.3	5.2	3.5	3.1
	190.5	190.7	190.8	192.5	192.9

	ETW	£	ETW	30	50	60
	<u>7</u>	<u>16</u>	<u>25</u>	<u>30</u>	<u>50</u>	<u>60</u>
	6.5	6.3	6.0	5.8	3.5	1.6
	189.5	189.7	190.0	190.2	192.5	194.4

	ETW	£	ETW	at	on	bk	50	60
	<u>9</u>	<u>15</u>	<u>24</u>	<u>30</u>	<u>31</u>	<u>32</u>	<u>50</u>	<u>60</u>
	7.6	7.3	7.6	5.2	3.6	4.2	0.1	+3.2
	188.4	188.7	188.4	190.8	192.4	191.8	195.9	199.2

— 7.30 188.69 ✓ B.M. Vert Spk 18" P
188.73 USE 310/122

LJB ✓

10/CROSS SECTIONS

328

11+0	60	50	30	15	0	ETW
	+3.3	1.0	5.9	7.4	8.1	7.6
	198.1	193.8	188.9	187.4	186.7	187.2

11+50	60	50	30	15	0	ETW
	8.7	9.2	9.7	9.1	8.2	8.6
	186.1	185.6	185.1	185.7	186.6	186.2

12+0	60	50	30	9	4	ETW
	12.5	12.3	11.5	9.2	9.5	9.4
	182.3	182.5	183.3	185.6	185.3	185.4

					194.13	
					194.13	

12+50	60	50	30	20	12	ETW
	13.1	12.4	10.3	9.8	9.5	9.6
	181.0	181.7	183.8	184.3	184.6	184.5

13+0	60	50	44.5	38	30	ETW
	13.0	12.6	11.2	11.0	10.7	10.8
	181.1	181.5	182.9	183.1	183.4	183.3

					193.64	
					193.64	

13+50	60	50	47	37	30	ETW
	13.1	12.0	12.2	12.0	12.2	12.3
	180.5	181.6	181.4	181.6	181.4	181.3

14+0	60	50	40.5	30	24	ETW
	14.2	13.3	14.5	14.4	14.6	14.8
	179.4	180.3	179.1	179.2	179.0	183.8

					183.73	
					183.73	

14+50	60	52	45	30	23	ETW
	8.9	8.7	7.3	7.1	6.9	7.2
	174.8	175.0	176.4	176.6	176.8	176.5

15+0	60	50	30	26	18	ETW
	9.5	8.9	8.5	8.8	8.7	8.9
	174.2	174.8	175.2	174.9	175.0	174.8

					175.46	
					175.46	

ELM ST.-MEDFIELD 4-8-68 11

17	24	28	30	32	34	50	60	P.R.
7.3	7.4	7.2	5.2	4.2	3.9	0.3	+0.4	C.R.
187.5	187.4	187.6	189.6	190.6	190.9	194.5	195.2	R.W.

14	21	30	32	34	50	60		J.F.
8.3	8.3	6.3	4.7	5.4	3.1	0.6		
186.5	186.5	188.5	190.1	189.4	191.7	194.2		

12	16	22	23	24	30	50	60	
9.4	9.1	7.9	6.4	7.4	7.2	2.8	1.0	
186.4	186.7	186.9	188.4	187.4	187.6	192.0	193.8	

					184.72	T.P.	12+37.49	
					184.72	T.P.	12+37.49	

7.5	8.5	9.5	30	50	60			
8.1	7.1	7.4	3.3	0.4	+1.8			
186.0	187.0	186.7	190.8	193.7	195.9			

7	6	0	15	30	50	60		
6.3	7.0	5.6	1.6	+1.1	+3.5	+3.7		
181.8	187.1	188.5	192.5	195.2	197.6	197.8		

					191.38	T.P.	13+50	
					191.38	T.P.	13+50	

17	16	0	20	30	50	60		
4.9	6.0	3.2	+0.2	+1.3	+2.7	+2.6		
188.7	187.6	190.4	193.8	194.9	196.3	196.2		

6.5	5.5	0	15	30	50	60		
7.5	8.8	8.7	7.2	6.1	4.3	3.0		
186.1	184.8	184.9	186.4	187.5	189.3	190.6		

					182.89	T.P.	Stone	
					182.89	T.P.	Stone	

2	15	30	50	60				
4.4	3.7	2.7	2.2	0.7				
179.3	180.0	181.0	181.5	183.0				

0	1.0	15	30	50	60			
7.0	8.9	9.2	8.8	8.2	7.2			
176.7	174.8	174.5	174.9	175.5	176.8			

					174.53	T.P.	StH	
					174.53	T.P.	StH	

LJB

12/CROSS SECTIONS

328

15+50

60	50	30	ETW	EL	ETW
60.7	60.6	0.0	2.8	2.5	2.5
176.2	176.1	175.5	172.7	173.0	173.0

bk	m	at	ETW	EL	ETW	bk
34	33	32.5	25	18.5	11.5	2
4.8	4.1	2.4	4.0	4.0	4.5	4.4
170.7	171.4	173.1	171.5	171.5	171.0	171.1

GRAVEL DR.

16+16 LEFT ASK. Ahead

100	75	50	31
5.1	5.4	5.0	5.1
170.4	170.1	170.5	170.4

60	50	bk	m	at	ETW	EL	ETW
6.4	6.2	47	46	45	30	23	16
169.1	169.3	169.3	172.9	170.1	169.5	169.7	169.6

60	50	bk	m	at	ETW	EL	ETW
6.3	6.7	49	47	46	34	30	27
169.2	168.8	172.3	169.5	168.2	168.2	168.2	167.9

60	50	bk	m	at	ETW	EL	ETW
11.7	12.3	45	44	43	33.5	30	26
163.8	163.2	163.2	166.2	164.1	163.7	163.8	164.0

+0.64

18+0

60	50	34.5	30	ETW	EL	ETW
8.5	7.8	7.1	5.8	5.8	5.5	5.5
156.5	157.2	157.9	159.2	159.2	159.5	159.5

18+50

100	78	73	60	46	39	34
10.2	10.2	12.4	12.5	11.9	10.4	7.2
154.8	154.8	152.6	152.5	153.1	154.6	157.8

+0.34

163.29

18+62.5

75	40	40	40	ETW	ETW	ETW
9.3	9.2	6.60	5.63	5.3	5.2	5.3
154.0	154.1	156.69	157.66	158.0	158.1	158.0

ELM ST. - MEDFIELD 4-9-68 13

bk	m	at	ETW	EL	ETW	bk
10	0	1.0	2.0	3.0	5.0	6.0
2.2	10.2	1.7	3.3	3.6	4.1	4.2
173.3	175.7	173.8	172.2	171.9	171.4	171.3

1	0	13	30	50	60
2.4	4.3	4.3	5.0	5.1	5.2
173.1	171.2	171.2	170.5	170.4	170.3

ETW	EL	ETW	bk	m	at
28	21	14	2.0	1.0	0
5.3	5.1	5.2	4.6	2.9	4.0
170.2	170.4	170.3	170.9	172.6	171.5

bk	m	at	ETW	EL	ETW	bk
3	2	1	0	15	30	50
5.3	2.8	4.6	4.6	5.3	5.4	5.3
170.2	172.7	170.9	170.9	170.2	170.1	170.2

bk	m	at	ETW	EL	ETW	bk
5.5	3.5	2.5	0	15	30	50
5.6	4.6	5.4	5.4	5.2	3.8	4.3
169.9	170.9	170.1	170.1	170.3	171.7	171.2

ETW	EL	ETW	bk	m	at
18	0	2.5	3	4	15
12.2	6.9	6.9	3.0	6.0	4.7
163.3	168.6	168.6	172.5	169.5	170.8

-11.10

164.36

T.P. STONE

ETW	EL	ETW	bk	m	at
12.5	0	9.0	10	10.5	30
5.8	5.5	5.1	1.5	3.9	1.8
159.2	159.5	159.9	163.5	161.1	163.2

ETW	EL	ETW	bk	m	at
30	26	17.5	15	0	30
7.0	6.7	6.7	6.1	7.4	8.9
158.0	158.3	158.3	158.9	157.6	156.1

-2.07

162.93

T.P. Horiz Spk 6" M.

USE

162.95

310/124 at bridge

top bk	15	0	15	30	50	60	water level
20	15	0	15	30	50	60	
5.1	6.4	7.1	7.6	8.1	8.4	8.5	7.1
158.2	156.9	156.2	155.7	155.2	154.9	154.8	156.2

LJB

14 CROSS SECTIONS

6x2.5' Culvert

163.29V

ELM ST. - MEDFIELD 4-9-68

15

78+71

Edge Water	bot	Top Road Wall	ETW	ETW	ETW	bot	Open	Top Opening	Top Culv
60	50	44	43	41	34	29	25	25	15
8.9	9.6	8.4	5.5	5.5	5.2	5.3	9.7	7.06	5.23
154.4	153.7	154.9	157.8	157.8	158.1	158.0	153.6	156.23	157.36

18+83

2 Brook

(Ask)

200	150	100	50	28	15	0	30	50	100	150	200
11.0	10.2	9.8	9.5	9.5	9.4	9.1	9.6	9.0	9.0	8.8	8.9
152.3	153.1	153.5	153.8	158.8	153.9	153.6	153.7	154.3	154.3	154.5	154.4

19-

Edge Swamp	bot	Top	ETW	ETW	ETW
80	67	66	60	50	43
8.2	7.1	5.5	5.4	5.3	5.4
155.1	156.2	157.8	157.9	158.0	159.9

19+09.5 Profile Elm St. Lt. (Ask)

250	200	150	100	78	57	41	0
10.1	3.1	4.9	5.4	5.4	5.1	7.3	8.1
163.4	160.2	158.4	157.9	157.9	158.2	156.0	155.2

19+50

60	50	30	15	0	30	37	43	52	60
6.9	6.7	7.0	7.5	7.8	7.2	7.4	9.0	7.0	6.8
156.4	156.6	156.3	155.8	155.5	156.1	155.9	154.3	156.3	156.5

20-

60	50	30	15	0	15	30	50	61	69	78	88
5.9	6.7	5.6	4.5	5.1	6.4	6.6	6.6	6.9	8.9	6.3	6.8
157.4	156.6	157.7	158.9	158.2	156.9	156.7	156.7	156.4	154.4	157.0	156.5

+ 8.66

1.68.04

20+17

60	50	30	15	0	18	30	50	60	68	82	96
11.0	11.2	10.1	8.2	7.3	9.4	10.7	11.2	12.0	13.4	10.8	11.2
157.0	156.8	157.9	159.8	160.7	158.6	157.3	156.8	156.0	154.6	157.2	156.8

+ 8.76

1.68.14

20+50

60	50	30	15	0	18	30	56	64	72	82
0.7	1.9	4.2	4.2	5.4	8.3	8.6	11.6	13.9	11.7	8.3
167.4	166.2	163.9	163.9	162.7	159.8	159.5	156.5	154.2	156.4	159.8

21+0

60	50	30	15	0	17	21	30	41	50	60
+ 9.2	+ 9.0	+ 4.1	2.3	8.2	11.1	11.2	14.0	12.3	12.2	12.0
177.3	177.1	172.2	165.8	159.9	157.0	156.9	154.1	155.8	153.9	156.1

+ 5.27

1.66.07

- 7.34

T.P. 160.80 Stake 21+0

LJBV

166.07 ✓

328

21+50

60	50	30	24	10	0
+4.7	+2.8	0.0	0.3	4.7	5.2
170.8	168.9	166.1	165.8	161.4	160.9

top bank bot bank

22+0

62	56	50	30	15	0
+5.7	+2.7	+2.5	+1.0	0.0	1.5
171.8	168.8	168.6	167.1	166.1	164.6
+10.78			175.36 ✓		

175.36 ✓

22+50

60	50	30	15	0
2.5	2.1	3.2	2.9	2.4
172.9	173.3	172.2	172.5	173.0

23-

60	50	30	15	0
2.4	2.0	2.7	2.9	5.0
173.0	173.4	173.7	172.5	170.4

23+

60	50	30	15	0
5.3	6.5	7.9	9.6	11.6
170.1	168.9	167.5	165.8	163.8
+2.11			175.19 ✓	

+ 0.32

163.44 ✓

24-

60	50	30	19	0
+2.7	+1.3	2.3	4.8	5.4
166.1	164.7	161.1	158.6	158.0

SWAMP P

24+

70	60	50	30	15	0
1.0	4.4	4.8	6.1	7.7	7.5
162.4	159.0	158.6	157.3	155.7	155.9

SWAMP

25-

60	50	30	0	30
6.0	6.2	7.3	7.7	7.9
157.4	157.2	156.1	155.7	155.5

+5.51

164.38 ✓

Top bank bot + edge brook d brook

9.5	30	46	60	70
5.7	9.7	12.0	10.3	10.1
160.4	156.4	154.1	155.8	156.0

bot bank

16	25	30	50	62
5.2	7.7	8.2	9.0	9.6
160.9	158.4	157.9	157.1	156.5

- 1.49 T.P. 164.58 Tack in stump 21+25 Lt. 16'

Top bank

bot bank

3	15	30	35	50	70
3.0	10.0	14.4	15.3	17.0	18.1
172.4	165.4	161.0	160.1	158.4	157.3

5	15	30	50	60	100
6.1	7.5	9.1	11.2	12.7	17.5
169.3	167.9	166.3	164.2	162.7	157.9

Top bank bot bank

20	25	30	50	60
12.9	15.8	15.9	17.1	18.6
162.5	159.6	159.5	158.3	156.8

- 2.25 B.M. 173.11 Vert. spk 24" P. 22± Lt. 84' use 173.08

- 12.07 T.P. 163.12 ✓ Lt. & P.C. Stake 23+87.71

SWAMP →

15	30	50	60
6.5	6.8	7.4	7.5
156.9	156.6	156.0	155.9

30	60
7.8	8.0
155.6	155.4

60
8.4
155.0

- 4.57 T.P. 158.87 ✓ Vert tie spk 14" P. 25+25 Lt. 30±

Punchings See N.B. 310/136

LJB ✓

18 CROSS-SECTIONS

1328

ELM

ST. ~ MEDFIELD

April 1968 19

25+50

60	50	30	0
6.0	6.9	7.8	8.8
158.4	157.5	156.6	155.6

26+0

60	50	30	0
5.1	6.3	8.2	7.8
159.3	158.1	156.2	156.6

26+50

75	60	50	30	0
3.3	5.3	5.9	7.2	8.3
161.1	159.1	158.5	157.2	156.1

27+0

60	50	30	0
2.4	3.6	6.1	7.4
162.0	160.8	158.3	157.9
+ 7.35			166.04 ✓

27+50

60	50	30	0
2.9	3.6	5.2	6.7
163.1	162.4	160.8	159.3

28—

SEE P 48
FOR EXTRA
SECTIONS

ETW	ETW	50	30	19
95	86	4.9	7.1	8.0
0.5	0.6			
165.5	165.4	161.1	158.9 ✓	158.0
+ 5.85			171.31	

28+50

on wall	@ wall	ETW	ETW	on wall
91	91	85	78	59
3.6	51	5.6	5.6	5.6
167.7	166.2	165.7	165.7	165.7

29—

ETW	ETW	ETW	on wall
72	65	58	55
4.7	4.9	5.0	4.8
166.6	166.4	166.3	166.5

29+

ETW	ETW	ETW	on wall
75	60	54	45
3.7	4.0	4.2	4.5
167.6	167.3	167.1	166.8

ST. ~ MEDFIELD

Swamp

30	50	60
8.0	8.5	8.7
156.4	155.9	155.7

Swamp

30	50	60
8.1	8.4	8.4
156.3	156.0	156.0

Swamp

30	50	60
8.3	8.5	8.5
156.1	155.9	155.9

Swamp

30	50	60
8.4	8.7	8.6
156.0	155.7 ✓	155.8

- 5.69 T.P. 158.69 Stake 27+0 Lt. 2

30	50	60
9.0	9.2	9.3
157.0	156.8	156.7

Edge Pond

13	0
9.5	
156.5	

- 0.58 T.P. 165.46 Tack in Road 28+ Lt. 90+

@ wall	30	24	0
59	48.5	14.6	15.0
8.6	11.3	14.6	15.0
162.7	160.0	156.7	156.3

@ wall	40	30	10	0
45.5	4.0	3.0	10	0
9.7	11.7	12.5	14.4	?
161.6	159.6	158.8	156.9	

@ wall	30	15	0	12
35	3.0	1.5	0	12
7.2	8.1	10.2	12.2	14.6
164.1	163.2	161.1	159.1	156.7

This side
See pg 50

LTB ✓

20/ CROSS - SECTIONS

ELM ST

MEDFIELD

April 1968

21

328.

	ETW	ETW	ETW		bk wall	on wall
30	61	56	50	30	28	27
	0.4	3.0	3.4	3.1	3.1	2.4
	170.9	168.3	167.9	168.2	168.2	168.9
		+ 7.57		177.87		

	ETW	ETW	ETW		on wall
30+50	60	50	44	30	22
	4.9	5.0	5.5	7.2	7.0
	1730	1729	172.4	170.7	170.9
			Gar Fl.	on Conc	Apron
			100	99	75
30+84 Dirt Dr. Lt.			0.81	1.30	3.2
			177.06	176.57	174.7
			+ 4.21	178.48	

	ETW	ETW	ETW		on dri
31+0	60	50	31	30	20.5
	4.4	5.0	4.9	5.5	5.3
	174.1	173.5	173.6	173.0	173.2
31+11 Peastone Dr. Lt (Ask Ahead)				9.7	7.5
				3.5	4.3
				175.0	174.2

31+37 Well Rt.
(4x4)

	ETW	ETW	ETW		on dri
31+50	60	50	30	23	15
	4.0	4.1	4.7	5.5	5.0
	174.5	174.4	173.8	173.0	173.5

31+74.5 Cesspool Rt.
(3x3)31+76.5 Cesspool Rt.
(1.5x1.5)31+82.5 Cesspool Rt.
(1.5x1.5)63.5
10.66 Rim
167.8248.5
8.46 Rim
170.0218.5
5.06 Rim
173.42

171.31

	ETW	ETW	ETW		on wall
30	61	56	50	30	28
	0.4	3.0	3.4	3.1	2.4
	170.9	168.3	167.9	168.2	168.9
		+ 7.57		177.87	

	ETW	ETW	ETW		on wall
30	61	56	50	30	28
	0.4	3.0	3.4	3.1	2.4
	170.9	168.3	167.9	168.2	168.9
		+ 7.57		177.87	

	ETW	ETW	ETW		on wall
30	61	56	50	30	28
	0.4	3.0	3.4	3.1	2.4
	170.9	168.3	167.9	168.2	168.9
		+ 7.57		177.87	

	ETW	ETW	ETW		on wall
30	61	56	50	30	28
	0.4	3.0	3.4	3.1	2.4
	170.9	168.3	167.9	168.2	168.9
		+ 7.57		177.87	

LJB ✓

22/CROSS-SECTIONS

ELM

ST. - MEDFIELD

April-1968 23

320

1 Gran Step + Brick Plat.

Henry's Hse	bk Plat	on Plat	bk	on step	@ step	drive	ETW	ETW
32+0	65.5	60	60	57	57	45	30	21
2.03	1.66	1.77	2.29	2.36	3.3	3.6	4.1	4.9
17645	17682	17671	17619	17612	1752	1749	1744	1736

ETW	ETW	ETW	ETW	ETW	ETW	ETW	ETW	ETW
60	50	30	25	16	7	0		
3.7	3.9	4.1	4.5	4.7	4.6	4.7		
1748	1746	1744	1740	1738	1739	173.8		

32+74 Peastone Dr. Lt. (Ask Back)

bk wall	on wall	@ wall	ETW	ETW	ETW	ETW	ETW	ETW
33+0	60	50	30	29	27	22	15	.5
4.2	4.1	4.0	4.0	1.7	4.3	5.2	4.9	4.6
1743	1744	1745	1745	1768	1742	1733	1736	1739
+3.00								
179.12								

bk wall	on wall	@ wall	ETW	ETW	ETW	ETW	ETW	ETW
33+50	60	50	30	25	24	23	13	3
4.9	4.9	4.8	4.4	2.6	5.4	5.8	5.3	
1742	1743	1747	1765	173.7	1733	1738		

on Edge of Pool	@ swimming Pool	bk wall	on wall	@ wall	ETW	ETW	ETW	ETW
34-	73	50	30	23	22	21	11	
4.65	5.2	5.1	5.1	5.1	3.2	5.7	5.7	
174.47	1739	1740			1759	1734		

34+12.5 Brick Walk Rt.

ETW	ETW	@ walk	on walk	ETW	ETW	ETW	ETW	ETW
0	10.5	13.5	13.5					
5.2	5.6	5.7	5.62					
1739	1735	1734	1735					

bk wall	on wall	@ wall	ETW	ETW	ETW	ETW	ETW	ETW
34+50	60	50	39	30	19	18	17	12.5
5.3	5.3	5.7	6.9	6.5	4.4	6.9	7.0	
1738	1734	1722	1726	1747	1722	1721		
+6.37								
180.58								

34+94.5 Dirt Dr Rt.

ETW	ETW	on drive	ETW	ETW	ETW	ETW	ETW	ETW
0	4	13	30					
6.2	6.0	6.3	7.2					
1744	174.6	1743	1734					

ETW	ETW	@ wall	on wall	bk wall	Top bank	ETW	ETW	ETW
11	2.5	0	3.5	4.5	5.5	30	37	50
4.8	4.9	4.5	4.3	2.0	4.4	5.5	5.8	8.0
1737	1736	174.0	1742	1765	1741	1730	1727	1705

@ wall	on wall	bk wall	ETW	ETW	ETW	ETW	ETW	ETW
8	2.5	10.5	30	50	60	75		
4.1	1.8	4.0	4.9	6.4	10.1	13.7	16.85	16.56
1744	1767	1745	1736	1721	1684	1648		

in drive	ETW	ETW	ETW	ETW	ETW	ETW	ETW	ETW
91	75	50	33	13.5	0			
3.5	3.8	4.3	4.7	4.6	4.8			
175.0	174.7	174.2	1738	1739	173.7			

ETW	@ wall	on wall	bk wall	ETW	ETW	ETW	ETW	ETW
0	4	11.5	12.5	14	30	50	60	70
4.6	4.6	4.2	1.3	4.0	4.5	7.3	9.7	11.7
1743	1772	1745	1740	1712	1688	1668		
- 2.36 B.M. 176.12 R.O.C. bot. Gran. step (Henry hse)								

ETW	@ wall	on wall	bk wall	ETW	ETW	ETW	ETW	ETW
0	8	15	16	17	30	50	60	
5.2	5.4	5.3	2.4	5.2	5.9	8.1	9.6	
1739	173.7	1738	1767	1739	1732	171.0	169.5	

ETW	ETW	@ wall	on wall	bk wall	ETW	ETW	ETW	ETW
0	10	18.5	19.5	21	30	50	60	
5.2	5.6	5.6	3.2	5.6	6.4	7.5	9.0	
1739	1735	1759	1735	1727	171.6	170.1		

ETW	ETW	@ wall	on wall	bk wall	ETW	ETW	ETW	ETW
20	30	50	71					
628	660	7.81	8.71					
17284	17252	17131	17041					

ETW	ETW	ETW	ETW	ETW	ETW	ETW	ETW	ETW
7	0	2.5	13	17	30	42	46	
5.7	5.3	5.2	5.6	5.8	6.0	6.4	5.61	
1734	1738	1739	1735	1733	1731	1727	1735.1	
- 4.91 T.P. 174.21 Gran. Curbing 34+80.5 Rt. 15+								

@ Garfl.	on Conc Fl.	ETW	ETW	ETW	ETW	ETW	ETW	ETW
39.5	7.35							
7.4	7.35							
1732	173.23							

LJB

24/CROSS - SECTIONS

ELM

ST. - MEDFIELD

April-1968 25

35-

60	50	37	30	11.5	5	0
7.0	7.0	6.6	8.1	7.6	6.3	6.0
173.6	173.6	174.0	172.5	173.0	174.3	174.6
				+9.37	181.83✓	

35+

Field	60	50	30	8.5	4	0
	8.0	7.0	6.1	5.5	6.3	6.3
	173.8	174.8	175.7	176.3	175.5	175.5

36-

Field	60	50	30	8	4	0
	6.2	5.8	5.4	5.4	6.3	6.2
	175.6	176.0	176.4	176.4	175.5	175.6

Bit Dr. Lt. Ask

36+46 Back

150	100	75
10.0	7.8	6.8
171.8	174.0	175.0

36+

Field	60	50	30	15	5	0
	5.8	5.5	5.7	6.0	6.5	6.6
	176.0	176.3	176.1	175.8	175.3	175.2

37+

Field	60	50	30	4	0
	6.2	5.9	6.1	6.7	6.7
	175.6	175.9	175.7	175.1	175.1

37+

Field	60	50	30	1	0
	6.3	6.0	6.0	6.3	6.4
	175.5	175.8	175.8	175.5	175.4

180.60✓

+2.17

38-

Field	60	50	30	15	1.5	0
	5.5	5.1	5.0	4.9	5.2	5.3
	175.1	175.5	175.6	175.7	175.4	175.3

38+

Field	60	50	30	15	0
	5.3	5.3	5.3	5.4	5.1
	175.3			175.2	175.5

ETW

ETW

4	13.5	30	50	60
5.8	6.2	7.3	7.3	7.4
174.8	174.4	173.3	173.3	173.2

- 8.14 B.M. 172.44 Vert spk root 18" M, 35+62+ Rt. 70.0*
use 172.46

ETW	6.5	15	30	50	60
	6.1	6.6	6.2	7.2	8.7
	175.7	175.2	175.6	174.6	173.1

ETW	6.5	15	26	30	50	60
	6.2	6.5	7.1	7.9	12.5	16.0
	175.6	175.3	174.7	173.9	169.3	165.8

Pr.

ETW	50	30	20	5	0
	5.9	5.8	5.9	6.4	6.6
	175.9	176.0	175.9	175.4	175.2

ETW	6	14	25	30	44	50	60
	6.6	6.9	9.1	11.7	20.5	22.0	23.0
	175.2	174.9	172.7	170.1	161.3	159.8	158.8

ETW	7	15	19	30	50	60
	6.6	7.1	7.5	13.9	20.4	23.0
	175.2	174.7	174.3	167.9	161.4	158.8

ETW	8	16	22	30	50	60
	6.4	7.0	7.4	9.7	13.2	16.2
	174.8	174.4	172.1	168.6	165.6	

- 3.40 178.43 T.P. Hud spale #5

ETW	9.5	19	22	30	50	60
	5.0	5.5	5.4	7.0	9.4	10.0
	175.6	175.1	175.2	173.6	171.2	170.6

ETW	10	20	30	50	60
	4.7	5.4	6.2	5.9	6.2
	175.9	175.2	174.4	174.7	174.4

LJB✓

328/27

LJB✓

28 CROSS-SECTIONS - ELM

on Conc Platf

41+16	0	30	43	43
	14.7	9.2	6.8	5.99
	177.5	1830	185.4	186.23

Back Conc Platf

41+21	0	30	40	
	14.5	8.8	6.3	
	177.7	183.4	185.9	

Back of Conc Platf.

41+21	0	30	40	43.5
	14.5	8.8	6.3	6.0
	177.7	183.4	185.9	186.2

4 Conc Steps +
41+31 Conc Platf.

	0	30	43	65
	13.4	8.3	5.5	2.8
	178.8	183.9	186.7	189.4

41+50 See Below

Top Bank Right

41+85	See Below		0
			12.5
			179.7
	+ 1.29		181.60

41+50	70	50	42	ETW	4
	7.5	7.1	6.3	5.3	4.8
	174.1	174.5	175.3	176.3	176.8

Top Bank Rt.					
41+85	100	75	55	49	ETW
	7.7	7.5	6.4	4.9	3.9
	173.9	174.1	175.2	176.7	177.0

42 - 90	68	61	58	48	ETW	15	0
	8.6	8.2	6.9	6.1	5.8	6.1	6.6
	174.3	174.7	176.0	176.8	177.1	176.8	176.4

42+33 SEE PG. 54

42+38 = 0 to Steven Lane

	0	
	6.4	
	176.5	

ST.

MEDFIELD

328/29

back

47	60
5.98	7.7
186.24	184.5

on

40	43.5	43.5	60
5.94	5.94	6.0	6.1
186.28	186.28	186.2	186.1

60

6.1

186.1

on 1st	bk 1st	on 4th	bk 4th	on Conc Pl.	bk Platf
65	66	69	70	71	76
2.66	2.67	0.73	0.72	0.07	+0.04
189.56	189.55	191.49	191.50	192.15	192.26

top

30	50	73
6.0	2.9	1.9

186.2 189.3 190.3

Top Bank

30	42	60
5.4	4.1	2.9

186.8 188.1 189.3

- 11.91

180.31

T.P. Vert Spt 12" P.
41+20 ±, 10' rt.

ETW

17	0
5.3	2.0

176.3 179.6

Bot

10	
5.0	

176.5

180.8

182.9

184.9

177.08

177.06

177.06 use

13 30

6.4 2.1

0.0 +2.0

176.5 180.8

182.9 184.9

177.08

177.06 use

13 30

6.4 2.1

0.0 +2.0

176.5 180.8

182.9 184.9

177.08

177.06 use

13 30

6.4 2.1

0.0 +2.0

176.5 180.8

182.9 184.9

177.08

177.06 use

13 30

6.4 2.1

0.0 +2.0

176.5 180.8

182.9 184.9

177.08

177.06 use

13 30

6.4 2.1

0.0 +2.0

176.5 180.8

182.9 184.9

177.08

177.06 use

13 30

6.4 2.1

0.0 +2.0

176.5 180.8

182.9 184.9

177.08

177.06 use

13 30

6.4 2.1

0.0 +2.0

176.5 180.8

182.9 184.9

177.08

177.06 use

13 30

6.4 2.1

0.0 +2.0

176.5 180.8

182.9 184.9

177.08

177.06 use

13 30

6.4 2.1

0.0 +2.0

176.5 180.8

182.9 184.9

177.08

177.06 use

13 30

6.4 2.1

0.0 +2.0

176.5 180.8

182.9 184.9

177.08

177.06 use

13 30

6.4 2.1

0.0 +2.0

176.5 180.8

182.9 184.9

177.08

177.06 use

13 30

6.4 2.1

0.0 +2.0

176.5 180.8

182.9 184.9

177.08

177.06 use

13 30

6.4 2.1

0.0 +2.0

176.5 180.8

182.9 184.9

177.08

177.06 use

13 30

6.4 2.1

0.0 +2.0

176.5 180.8

182.9 184.9

177.08

177.06 use

13 30

6.4 2.1

0.0 +2.0

176.5 180.8

182.9 184.9

177.08

177.06 use

13 30

6.4 2.1

0.0 +2.0

176.5 180.8

182.9 184.9

177.08

177.06 use

13 30

6.4 2.1

0.0 +2.0

176.5 180.8

182.9 184.9

177.08

177.06 use

13 30

6.4 2.1

0.0 +2.0

176.5 180.8

182.9 184.9

177.08

177.06 use

13 30

6.4 2.1

0.0 +2.0

176.5 180.8

182.9 184.9

177.08

177.06 use

13 30

6.4 2.1

0.0 +2.0

176.5 180.8

182.9 184.9

177.08

177.06 use

13 30

6.4 2.1

0.0 +2.0

176.5 180.8

182.9 184.9

177.08

177.06 use

13 30

6.4 2.1

0.0 +2.0

176.5 180.8

182.9 184.9

177.08

177.06 use

13 30

6.4 2.1

0.0 +2.0

176.5 180.8

182.9 184.9

177.08

177.06 use

13 30

6.4 2.1

0.0 +2.0

176.5 180.8

182.9 184.9

177.08

177.06 use

13 30

6.4 2.1

0.0 +2.0

176.5 180.8

182.9 184.9

177.08

177.06 use

13 30

6.4 2.1

0.0 +2.0

176.5 180.8

182.9 184.9

30 CROSS SECTIONS

New Way
0+30

0+50

1+0

1+50

2+0

2+50

See pg 54 for final

<u>40</u>	<u>20</u>	<u>0</u>
6.6	6.8	6.8
1763	176.1	

<u>50</u>	<u>20</u>	<u>0</u>
6.4	7.0	6.9
1765	175.9	1760

<u>40</u>	<u>30</u>	<u>20</u>	<u>0</u>
7.6	8.0	8.0	7.7
1753	174.9		1752

<u>0</u>
8.2
174.7

<u>0</u>
9.1
173.8

<u>0</u>
9.3
173.6

42+50	<u>100</u>	<u>83</u>	<u>76</u>	<u>65</u>	<u>54.5</u>	<u>30</u>	<u>0</u>
	8.6	7.3	6.1	5.8	6.1	6.3	6.2
	174.3	175.6	176.8	177.1	176.8	176.6	176.7

43+0	<u>115</u>	<u>96</u>	<u>87</u>	<u>78</u>	<u>68</u>	<u>50</u>	<u>30</u>	<u>0</u>
	8.7	6.9	5.8	5.9	6.2	5.1	5.1	5.7
	174.2	176.0	177.1	177.0	176.7	177.8		177.2

43+50	<u>125</u>	<u>96</u>	<u>93</u>	<u>83</u>	<u>73</u>	<u>54</u>	<u>30</u>	<u>0</u>
	8.1	5.3	5.5	5.6	6.2	4.5	4.7	5.2
	174.8	177.6	177.4	177.3	176.7	178.4	178.2	177.7

44+0	<u>125</u>	<u>87</u>	<u>85</u>	<u>75</u>	<u>65</u>	<u>58</u>	<u>30</u>	<u>0</u>
	7.8	5.1	5.0	5.0	5.5	1.5	0.9	1.8
	175.1	177.8	177.9		177.4	181.4	182.0	181.1

+ 4.24

44+22	<u>78</u>	<u>76.5</u>	<u>66</u>	<u>56</u>	<u>47</u>	<u>41</u>	<u>30</u>	<u>20</u>	<u>0</u>
	7.8	7.9	7.7	8.0	2.2	1.2	1.9	1.0	2.1
	177.8	177.7	177.9	177.6	183.4	184.4	183.7	184.6	183.5

182.85 ✓
↑

<u>20</u>
6.4
176.5

<u>20</u>
6.7
176.2

Bot
<u>20</u>
6.5
176.4

Bot
<u>30</u>
6.1
176.8

Bot
<u>26</u>
6.0
176.9

Top
<u>30</u>
7.7
189.9

Top Approx
40 ±
+ 5. (±)
187.9

Top Approx
38 ±
+ 6 ±
188.9

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P. Robinson
C. Ryan
J. Farren

<u>30</u>	<u>60</u>
6.7	7.0
176.2	175.9

<u>30</u>	<u>60</u>
6.2	6.6
176.7	176.3

<u>30</u>	<u>60</u>	<u>76</u>	<u>76</u>
5.1	6.3	6.7	6.57
177.8	176.6	176.2	176.28

<u>30</u>	<u>50</u>	<u>60</u>
4.4	6.4	6.9
178.5	176.5	176.0

-1.48 181.37 ✓ T.P. & Sta 44-

<u>30</u>	<u>48</u>	<u>60</u>
7.5	9.0	9.5
178.1	176.6	176.1

L.J.B. ✓

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CROSS

SECTIONS

185.61
✓

44+50

	ETW	ETW	ETW	ETW	ETW	ETW
93	7.6	6.6	5.5	4.4	3.4	0
8.9	6.7	7.6	7.7	8.0	3.8	3.3
176.7	178.9	178.0	177.9	177.6	181.8	182.3

45+0

	ETW	ETW	ETW	ETW	ETW	ETW
80	60	50	44	32	19	
7.5	6.6	6.9	9.6	9.9	10.3	
178.1	179.0	178.7	176.0	175.7	175.3	

45+21 Peastone Dr. Rt. (Ask back)

	ETW	ETW	ETW
20	12	0	
11.8	11.7	10.4	
173.8	173.9	175.2	

45+21 Dirt Dr. Lt. (Ask back)

	ETW	ETW	ETW
70	50		
10.1	10.5		
175.5	175.1		

45+42 / Gran. Step + Plat. Lt.) +1.80

sill Hse #23	sill Patch	bk Plat.	on Plat.	bk 1st	on 1st	@ 1st	ETW	ETW
52	46	46	43	43	41	41	30	22
1.17	1.20	1.84	1.80	2.30	2.26	2.8	3.2	4.5
176.44	176.4	175.77	175.81	175.31	175.35	174.8	174.4	173.1

45+50

	ETW	ETW	ETW
45	30		
2.8	3.4		
174.8	174.2		

45+65 Peastone Dr. Rt.

	ETW	ETW	ETW
0	6	30	
5.1	5.2	5.7	
172.5	172.4	171.9	

46+0

	ETW	ETW	ETW	ETW	ETW
60	50	40	30	13	6
6.0	5.4	5.3	6.1	8.0	6.8
171.6	172.2	172.3	171.5	169.6	170.8

Peastone Dr. Rt.

46+50

	ETW	ETW	ETW	ETW	ETW
60	50	30	10	0	
14.4	14.0	13.3	11.7	7.3	
163.2	163.6	164.3	165.9	170.3	

+3.70

177.72
✓

ELM ST.

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	Edge drive	Edge drive	Edge drive	Edge drive	Edge drive
13	30	36	47	60	
4.3	7.3	8.6	8.6	9.3	
181.3	178.3	177.0	177.0	176.3	

sill Montana Hse

121'
6.59
179.02

	Edge drive	Edge drive	Edge drive	Edge drive	Edge drive
10	0	21	30	42	60
7.6	7.4	8.0	8.3	8.6	9.2
178.0	178.2	177.6	177.3	177.0	176.4

	ETW	ETW	ETW	ETW	ETW
23	33	50	72	107	130
8.4	8.2	8.4	8.8	12.2	13.1
177.2	177.4	177.2	176.8	173.4	172.5

	ETW	ETW	ETW	ETW	ETW
35	31	20	12	0	
11.3	11.5	11.4	11.4	10.4	
174.3	174.1	174.2	175.2		

-9.80 T.P. 175.81 L.O.C. Granite Platf. Hse #23

	ETW	ETW	ETW	ETW	ETW
3	0				
4.5	4.5				
173.1	173.1				

	ETW	ETW	ETW	ETW	ETW
20	9	0	30	45	60
4.9	4.7	4.9	4.6	6.2	7.6
172.7	172.9	172.7	173.0	171.4	170.0

sill Hse

#22
3.90
173.71

	ETW	ETW	ETW	ETW	ETW
50	75	100	125		
7.3	9.1	9.6	8.8		
170.3	168.5	168.0	168.8		

	ETW	ETW	ETW	ETW	ETW	ETW	ETW	ETW
0	6	15	25	30	47	56	70	
6.2	5.8	5.9	5.2	5.8	10.2	12.3	12.8	
171.4	171.8	171.7	172.4	171.8	167.4	165.3	164.8	

	ETW	ETW	ETW	ETW	ETW	ETW	ETW	ETW
2	10	19	26	30	50	75	100	136
6.8	6.3	6.3	6.0	6.2	7.8	10.2	10.6	9.28
170.8	171.3		171.6	171.4	169.8	167.4	167.0	168.33

-3.59 T.P. 174.02 Hydrant #3

LJB ✓

34/328

CROSS SECTIONS

177.72

ELM ST.

35

47+0

60	50	30	6	0
13.0	12.9	10.7	9.9	7.4
164.7	164.8	167.0	167.8	170.3

ETW	ETW	ETW	30	50	60
4	12	22	30	50	60
6.8	6.2	6.5	6.0	5.0	5.8
170.9	171.5	171.2	171.7	172.7	171.9

47+38.45 = 0+0 & Cross St.

0	25
6.2	5.9
171.5	171.8

0+50 Cross St.

40	24	20	0
4.4	4.1	4.9	4.8
173.3	173.6	172.8	172.9

ETW	ETW	ETW	40
20	24	35	40
5.3	4.7	4.6	4.8
172.4	173.0	173.1	172.9

1+0 Cross St.

40	20	15	11	0
3.3	3.0	1.6	2.7	2.4
174.4	174.7	176.1	175.0	175.3

ETW	ETW	ETW
12	20	40
2.6	1.7	5.8
175.1	176.0	171.9

1+50

ETW	ETW
0	0.1
177.6	

2+0

ETW	ETW
0	+2.2
179.9	

2+50

ETW	ETW
0	+4.2
181.9	

47+50

60	50	30	bk wall	on wall	@ wall	0
11.8	10.9	8.5	5.4	3.0	4.9	5.5
165.9	166.8	169.2	172.3	174.7	172.8	172.2

ETW	ETW	ETW	30	50	60
4	11	17	30	50	60
6.0	5.8	5.9	5.5	4.7	4.2
171.7	171.9	171.8	172.2	173.0	173.5

Gravel Dr. Rt.

48+0

60	50	30	bk wall	on wall	@ wall	0
9.1	7.1	5.7	5.0	3.5	4.9	
168.6	170.6	172.0	172.7	174.2	172.8	

ETW	ETW	ETW	ETW	on drive	ETW	Edge dr.	50	60
0	2	9	18	30	40	46	50	60
5.5	5.7	5.6	5.6	5.1	4.6	4.1	3.9	3.9
172.2	172.0	172.1	172.6	173.1	173.6	173.8		

Gravel Dr. Rt.

48+50

60	50	30	bk wall	on wall	@ wall	ETW	0
11.4	10.9	9.2	7.4	4.5	7.2	6.6	6.6
166.3	166.8	168.5	170.3	173.2	170.5	171.1	171.1

ETW	ETW	ETW	ETW	ETW	ETW	ETW	ETW
7	15	27	30	46	51	56	56.5
6.1	6.3	4.2	3.9	2.0	2.0	1.9	1.1
171.6	171.4	173.5	173.8	175.7	175.7	175.8	176.6

2-Cons Steps +

48+56 Platform Rt.

ETW	ETW	ETW	ETW	ETW	ETW	ETW	ETW
0	7	15	27	30	46	51	56
6.5	6.1	6.3	4.2	3.9	2.2	2.0	1.9
171.2	171.6	171.4	173.5	173.8	175.5	175.7	175.8

ETW	ETW	ETW	ETW	ETW	ETW	ETW	ETW
56	56.5	56.5	58.5	58.5	60.5	60.5	60.5
1.9	1.7	0.79	0.06	+0.58	+0.62	+0.22	+0.22
175.8	176.0	176.93	176.66	178.30	178.34	177.94	

LJB

36/CROSS SECTIONS - ELM 177.72

328 + 7.86 178.95 ✓

49-	60	50	30	135	123	11.5	6	3	0
	14.2	14.1	12.2	11.1	9.2	9.7	7.6	7.9	7.9
	164.8	164.9	166.8	167.9	169.8	169.3	171.4	171.1	171.1

Gravel Dr. Rt. bk on at ETW £

49+	60	50	30	20	19	18	8	0	
	5.8	5.9	6.5	7.4	7.0	8.0	7.7	7.6	
	173.2	173.1	172.5	171.6	172.0	171.0	171.3	171.4	

50- bk on at ETW £

50-	60	30	25	24	23	18	13.5	6	0
	7.4	4.3	4.1	2.6	4.5	6.5	6.9	6.6	6.8
	171.6	174.7	174.9	176.4	174.5	172.5	172.1	172.4	172.2

Ret. Wall Rt. ETW £

50+	19.5	50	30	27	26	25	15	8	0
	6.0	7.5	6.1	5.2	2.6	5.1	6.3	6.3	6.6
	170.8	171.5	172.9	173.8	176.4	173.9	172.7	172.7	172.4

Ret. Wall Rt. ETW £

50+	30	60	50	30	25	16	8	0	1
	8.3	8.2	5.9	5.3	6.3	6.2	6.6	6.6	6.6
	170.7	170.8	173.1	173.7	172.7	172.8	172.4	172.4	

Bot Bank Rt. ETW £

50+	42.5	60	50	30	25	17	9	0	4
	8.7	8.3	6.6	5.8	6.3	6.1	6.4	6.0	6.0
	170.3	170.7	172.4	173.2	172.7	172.9	172.6	173.0	

50+50 ETW £

50+50	60	50	30	23	17	9	0	3	
	8.4	8.4	6.7	5.7	6.4	6.1	6.4	5.5	
	170.6	170.6	172.3	173.3	172.6	172.9	172.6	173.6 ✓	

+ 8.63 182.67 ✓

Gravel Drive Lt. on 75 9.4 173.3

Top Bank Rt. ETW £

50+55	60	50	30	18	10	0			
	12.2	12.1	10.2	10.1	9.9	10.0			
	170.5	170.6	172.5	172.6	172.8	172.7			

51+0 <E Drive & Gravel E> ETW £

51+0	54	48	42	30	19	10	2		
	9.3	9.4	9.8	10.3	10.7	10.5	10.6		
	173.4	173.3	172.9	172.4	172.0	172.2	172.1		

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- 6.63 T.P. 171.09V & tck 49-

<E Gravel drive E>

4	12	30	41	47	55	60
7.6	7.8	6.4	5.1	5.0	4.6	3.7
171.4	171.2	172.6	173.9	174.0	174.4	175.3

ETW on Gravel Drive

8	19	30	50	60		
7.5	7.1	7.1	6.5	6.1		
171.5	171.9	171.9	172.5	172.9		

ETW at Sill Barn

4	13	30	30.5	2.63		
6.9	5.1	4.7	4.8	2.63		
172.1	173.9	174.3	174.2	176.32		

ETW on wall @ wall & on wall

1.5	4	27	30	30	37	45	45	51	BARN
6.6	6.0	5.4	5.4	8.1	8.6	8.8	4.3	4.1	
172.4	173.0	173.6	173.0	170.9	170.4	170.2	174.7	174.9	

@ wall

4	10	30	30	50	60		
6.0	7.1	7.5	5.7	3.2	2.0		
173.0	171.9	171.5	173.3	175.8	177.0		

30 50 60

4.3	1.6	0.8				
174.7	171.4	178.2				

12 30 50 60

1.4	0.6	+ 5.2	+ 5.5			
171.6	178.4	184.2 ✓	184.5			

- 4.91 T.P. 174.04 Verk spk 28"0. 50+70 Rt. 6'

Drive ETW £ ETW

50	36	23	11	0		
9.9	10.1	10.2	9.9	10.2		
172.8	172.6	172.5	172.8	172.5		

Top 4 12 20 30 50 60

9.2	4.7	2.2	1.1	+1.0	+1.7	
173.5	178.0	180.5	181.6	183.7	184.4	

0 5 9 14 15 16 30 50 60

10.5	10.7	10.3	7.8	6.2	6.9	6.0	2.8	0.7
172.2	172.0	172.4	174.9	176.5	175.8	176.7	179.9	182.0

LJB ✓

38 CROSS SECTIONS

Platf	bk	on Platf	at Platf.	on 1 st	at 1 st	182.67
(3 conc Steps) sill	bk	on Platf	at Platf.	on 1 st	at 1 st	182.67
51+0 Hse	68.5	65.5	65.5	63	63	0
	7.16	6.72	6.76	7.34	8.50	9.0
	175.51	175.95	175.91	175.33	174.17	173.7

51+50	60	50	36	30	19	10	2	0
	10.4	10.7	10.5	10.6	11.0	10.9	11.0	11.0
	172.3	172.0	172.2	172.1	171.7	171.8	171.7	171.7

Dirt Dr. Rt.	0	18	30	50	75
51+60	10.9	9.5	8.4	6.4	3.6
	171.8	173.2	174.3	176.3	179.1

Gravel Dr. Lt.	75	50	41.5
51+77	9.4	10.2	10.6
	173.3	172.5	172.1

52+0	60	50	31	30	29
	11.2	10.9	10.4	8.8	10.3
	171.5	171.8	172.3	173.9	172.4

Gravel Drive Rt	75	50	41.5
52+50 Ask Back	9.4	10.2	10.6
	173.3	172.5	172.1

52+50	60	50	30	bk	on	at	ETW
	11.3	11.7	10.0	28	27	26	13
	171.4	171.0	172.7	172.7	173.6	172.4	170.9

3 conc. steps rt	4	ETW
52+82	0	10
	5.0	5.2
	170.9	170.7

Cesspool rim rt.	bk	on	at	ETW
53+0	24	23	22	11.5
	4.8	4.7	3.7	6.0
	171.1	171.2	172.2	172.6

53+50	60	50	30	bk	on	at	ETW
	5.3	5.0	5.0	16.5	15.5	14.5	8.5
	170.6	170.9	170.9	171.6	172.5	171.3	168.9

53+50	60	50	30	bk	on	at	ETW
	5.3	5.0	5.0	16.5	15.5	14.5	8.5
	170.6	170.9	170.9	171.6	172.5	171.3	168.9

ELM ST.

Apr. 1968 328 39

86	conc Floor
1.10	181.57

at	m	bk	30	50	60
14.5	15.5	16.5	30	50	60
8.7	7.4	8.0	7.5	5.5	4.6
174.0	175.3	174.7	175.2	177.2	178.1

100
70.1
182.8

ETW	4	ETW	3	0				
<u>25</u>	<u>14</u>	<u>3</u>	<u>0</u>					
11.1	11.0	11.2	11.0					
171.6	171.7	171.5	171.7					
E	4	ETW						
<u>23</u>	<u>17</u>	<u>9</u>	<u>0</u>	<u>15</u>	<u>30</u>	<u>50</u>	<u>60</u>	
11.9	11.5	11.2	11.1	10.2	9.3	8.6	8.0	
170.8	171.2	171.5	171.6	172.5	173.4	174.1	174.7	
4		ETW	Gravel	Dr.				
<u>3</u>	<u>0</u>	<u>6.5</u>	<u>15</u>	<u>30</u>	<u>50</u>	<u>75</u>	<u>90</u>	Gar.
11.5	11.4	11.3	11.2	10.3	9.1	8.0	7.7	dir + F
171.2	171.3	171.4	171.5	172.4	173.6	174.7	175.0	

4	ETW	E Dr.	30	50	60
3	0	6.5	15	30	50
11.5	11.4	11.3	11.2	10.2	8.6
171.2	171.3	171.4	171.5	172.5	174.1

11.45	171.22	T.P.	4 tck	52+
at	on 1 st	at 3 rd	on 3 rd	bk 3 rd
44.5	44.5	46.5	46.5	47.5
1.7	1.32	0.68	0.06	0.05
174.2	174.59	175.23	175.85	175.86

ETW	4	ETW	12	28	30	40	50	60
7.5	0	2	12	28	30	40	50	60
5.7	5.4	5.4	5.6	5.2	4.6	2.86	2.2	1.1
170.2	170.5	170.5	170.3	170.7	171.3	173.05	173.7	174.8

ETW	4	ETW	18	30	50	60
3	0	8	18	30	50	60
7.4	7.2	7.1	7.5	6.7	4.8	3.4
168.5	168.7	168.8	168.4	169.2	171.1	172.5

L.T.B.V.

40/328

Bit Dr. Rt.

53+77

ELM	ST	175.91
ETW	ETW	ETW
0	9.5	19
8.3	8.3	8.4
167.6	167.6	167.5
		168.1
		169.1

54+0

60	50	30	24	23	22	9
5.8	5.6	5.1	5.2	3.6	5.4	9.4
170.1	170.3	170.8	170.7	172.3	170.5	166.5

+0.60

174.33

54+50	60	50	33	30	27.5	26.5	25.5	16
	4.3	4.0	3.0	2.4	2.6	1.1	2.9	6.3
	170.0	170.3	171.3	171.9	171.7	173.2	171.4	168.0

55+0	70	60	49	42	41	40	38	30
	4.7	3.7	3.3	2.9	2.2	3.6	5.6	6.7
	169.6	170.6	171.0	171.4	172.1	170.7	168.7	167.0

55+14 Bit Dr. Rt. (Ask Back)

ETW	ETW	ETW
0	2.5	32
12.1	12.1	10.5
162.2	162.2	163.8

+2.62

166.43

55+50	120	100	78.5	97	84	74
	+1.4	+1.6	+3.1	+1.1	+0.7	+0.7
	167.8	168.0	169.5	167.5	167.1	167.1

56+0

85	65	61
8.0	8.7	7.4
158.4	157.7	159.0

56+17.5 = 0+0 South St. Southerly

0+67 Conc. Cully. Lt.
12" Conc. Pipe

0+75

Invert	Top Invert	Top Header
15.5	15.5	15.5
7.86	8.58	7.44
156.57	157.85	158.79
Top Bank	Top Bank	Top Bank
70	60	40
+0.5	1.2	8.5
166.9	165.2	157.9
		158.5

MEDFIELD

41

Conc. Gar Floor

Sill Hse #5

75	81	5.43	2.30	173.61
5.6	5.5	170.3	170.4	170.48
ETW	ETW	ETW	ETW	ETW
1	0	9	19	30
9.5	9.5	9.3	9.4	7.9
166.4	166.4	166.6	166.5	168.0
				171.2
				172.6

- 2.18 B.M. 173.73 R.O.C. Conc. platf. H. #5
N.B. 310 Pg. 124

ETW	ETW	ETW	ETW	ETW	ETW	ETW	ETW	ETW
3	0	7	16	30	50	60	30	50
10.1	10.0	9.8	9.8	9.0	6.3	5.2	9.0	6.3
164.2	164.3	164.5	164.5	165.3	168.0	169.1	164.2	164.3
ETW	ETW	ETW	Edge dr.	Edge dr.	Edge dr.	Edge dr.	Edge dr.	Edge dr.
13	4	0	8	22	30	50	77.5	77.5
12.0	11.7	11.7	11.7	11.4	10.7	8.2	6.1	2.46
162.3	162.6	162.6	162.6	162.9	163.6	166.1	168.2	171.87

ve @ Gar Fl. on Gar Fl.

50	76	76
8.3	6.0	5.96
166.0	168.3	168.37

- 10.52 T.P. 163.81 Stone in road 54+70 ± Rt. 12' ±

ETW	ETW	ETW	ETW	ETW	ETW	ETW	ETW	ETW
50	45	27	17	8	0	30	50	60
6.1	7.6	5.8	5.4	5.5	5.8	5.3	3.5	2.2
160.3	158.8	160.6	161.0	160.9	160.6	161.1	162.9	164.2
ETW	ETW	ETW	Top berm	Top berm	Top berm	Top berm	Top berm	Top berm
50	30	7	7	0	30	50	60	60
7.3	7.5	8.4	7.9	8.0	8.4	8.5	8.4	8.4
159.1	158.9	158.0	158.5	158.4	158.0	157.9	158.0	158.0

25	0+0
9.0	9.6
157.4	156.8

0

ETW	ETW	ETW	ETW	ETW	ETW	ETW	ETW	ETW
5	0	18	50	60	8.5	8.3	8.3	8.3
7.0	6.8	7.0	8.7	7.5	8.3	8.3	8.3	8.3
159.4	159.6	159.4	157.7	158.9	158.1	158.1	158.1	158.1

LJB

42/CROSS SECTIONS ELM 166.43

328

+10.05

170.59

	bk	on wall	@	Top	bot bank	
1+0 South St.	100	78	77	76	60	35
	1.3	1.6	1.1	4.1	4.7	10.9
	169.3	169.0	169.5	166.5	165.9	159.7
						160.9
1+50 South St.	80	60	50	40	30	20
	0.0	0.5	1.1	1.9	3.9	7.1
	170.6	171.1	169.5	168.7	166.7	163.5
						164.2
						173.67
						5.89

Profile Ely. Rai

1+67

	300	250	200	150	100	50	0
	7.97	8.20	8.38	8.56	8.76	8.98	9.14
	165.70	165.47	165.29	165.11	164.91	164.69	164.53

Profile Wly. Rai

1+72

	300	250	200	150	100	50	0
	7.77	8.04	8.30	8.54	8.74	8.93	9.15
	165.90	165.63	165.37	165.13	164.93	164.74	164.52

2+0

5'ly

	50	42	25	8	5	0
	10.1	10.0	6.7	7.8	8.2	8.1
	163.6	163.7	167.0	165.9	165.5	165.6

2+50

	50	25	20	20	8	0
	2.0	1.1	1.7	4.8	6.5	6.3
	171.7	172.6	172.0	168.9	167.2	167.4

3+0

	50	25	20	20	10	0
	1.4	1.0	0.8	3.8	4.8	4.8
	172.3	172.7	172.9	169.9	168.9	

3+50

South St.

	ETW	0	3.4	170.3

4+0

	ETW	0	2.2	171.5

ST. MEDFIELD Apr. 1968

-5.89 T.P. 160.54 Stone in Road 1+0 ± R+2 ±

ETW	ETW	ETW	50	75
2	20	35	50	75
10.1	9.6	10.5	9.5	7.7
160.5	161.0	160.1	161.1	162.9

ETW	ETW	35	50	60
9	20	35	50	60
6.3	6.6	6.9	6.9	7.6
164.0	163.7	✓	163.0	

-2.81 B.M. 167.78 S.E. Cor. S.B. @ R.R. on Nly side South St.

50	100	150	200	250	300
9.41	9.59	9.79	9.98	10.22	10.45
164.26	164.08	163.88	163.69	163.45	163.22

50	100	150	200	250	300
9.40	9.59	9.80	9.99	10.23	10.46
164.27	164.08	163.87	163.68	163.44	163.21

ETW	ETW	at	Ret on	25	31	50
5	16	25	25	31	50	
8.0	8.3	5.7	3.3	2.4	3.0	
165.7	165.4	168.0	170.4	171.3	170.7	

ETW	ETW	at	Ret on	25	50
2	13	25	25	50	
6.3	6.7	4.3	1.8	2.6	
167.4	167.0	169.4	171.9	171.1	

ETW	at	on	25	50
12	25	25	50	
5.1	3.6	1.3	2.8	
168.6	170.1	172.4	170.9	

-5.89 167.78 ✓ B.M. S.E. Cor. S.B. at 122 NB 310/124

LJB ✓

44/CROSS SECTIONS

+10.45

164.23 ✓
1

56+32 ELM ST=
OTO KNOLLWOOD Rd

0+30

± TW 0
8.1
156.1
± TW 0
7.8
156.4

0+50

Bit SW	on	at	Bit	Berm
21	15	15	0	0
7.1	7.2	7.7	7.3	7.3
154.6	155.9	157.1	157.0	156.5
156.9	156.9	157.1	157.0	156.5
156.4	156.4	157.1	157.0	156.5

Bit Drive Lt Ask.

0+61

on drive	Edr.	± Bit SW	Berm	at	Bit
50	36	20	14	14	0
7.6	7.0	5.5	5.6	6.2	5.9
156.6	157.2	158.7	158.6	158.0	158.3

M.H. Lt
1+09.5

C.B. str + Lt
1+20.5

sill Hgt	± Bit SW	on	Berm	at	Bit
50	20	14	14	0	0
0.37	2.0	2.3	2.3	2.8	2.8
163.92	162.2	161.9	161.4	161.4	161.4

2+0

2+50

+2.96

156.74 ✓
1

ELM ST.

Apr 30-1968 15

153.78 B.M. L.O.C. Bot Conc Step
N.B. 310 p 124

at Berm	Bit SW	Dr	Bk SW	ETW	±
14	14	20	50	0	0
7.3	6.9	6.7	3.9	157.3	157.5
157.3	157.5	160.3	157.0	157.1	157.1

at Berm	Bit SW	Dr	Bk SW	ETW	±
14.5	14.5	21	30	50	0
6.3	5.7	5.6	3.4	+0.3	157.9
157.9	158.5	158.6	160.8	164.5	164.5

Rim	at Berm	on Bit SW	Dr	Bk SW	ETW	±
14	14	20	22	50	0	0
5.38	3.2	2.6	2.4	2.1	+8.0	158.85
158.85	161.0	161.6	161.8	162.1	172.2	172.2

— 10.45 B.M. 153.78 above

LJB ✓

46/CROSS SECTIONS

156.74
Λ

ELM ST.

Apr 30, 1968 47

P.N.R.
R.W.W.
J.R.F.

W/328

	50	ETW	4	ETW	
56+	32	22	14	0	
	+0.8	0.8	1.1	1.8	1.8
	157.5	155.9	155.6	154.9	
	60	ETW	4	ETW	
57 -	38	36	24	2.5	0
	3.5	3.5	3.8	3.6	5.0
	153.2	152.9	153.1	151.7	152.4
Conc Steps Lt		bl. Pl	on Pbt.	on 2nd	on 1st
57+08	Hse-si	54.5	51.5	50.5	49.5
	1.90	1.51	1.57	2.39	2.95
	154.84	155.23	155.17	154.35	153.79
	50	ETW	4	ETW	
57+50	36	25	21	11.5	0
	3.5	5.5	6.0	6.5	6.4
	153.2	151.2	150.7	150.2	150.3
	50	ETW	4	ETW	
58+0	25	21	11	0	
	7.4	8.0	8.3	8.3	8.6
	149.3	148.7	148.4	148.1	
	50	ETW	4	ETW	
58+	25	21	10	0	
	7.4	8.0	8.3	8.3	8.6
	149.3	148.7	148.4	148.1	
	50	ETW	4	ETW	
59 -	25	21	10	0	
	7.4	8.0	8.3	8.3	8.6
	149.3	148.7	148.4	148.1	
	50	ETW	4	ETW	
59+	25	21	10	0	
	7.4	8.0	8.3	8.3	8.6
	149.3	148.7	148.4	148.1	
	50	ETW	4	ETW	
60 -	25	21	10	0	
	7.4	8.0	8.3	8.3	8.6
	149.3	148.7	148.4	148.1	

Note: 50+ with Nly cont.
Sta of Elm St.

+ 1.39

+ 3.65

155.17
Λ

146.93
Λ

ETW 6 0
4.7 4.8

142.2 142.1

ETW 9 0
5.4 5.4

141.5 141.5

at Berman Bit SW
14 14.5 28 50
1.6 1.1 0.4 +0.3
155.1 155.6 156.3 157.0

10 26 50 60
4.3 3.5 1.6 1.0

153.2 155.1 155.7
at 1st ETW 4 ETW

49.5 33 21.5 3 0
3.5 4.3 4.1 5.3 4.9

153.2 152.4 152.6 151.4 151.8

10 25 50
6.4 5.4 2.9

150.3 151.3 153.8

13 25 33 50
9.1 7.0 5.7 2.2

147.6 149.7 150.0 154.5

- 2.96

153.78

B.M. L.O.C.

Bot Conc Step
310/124

- 11.89

143.28 T.P. Stone

plotted

L.J.B.V.

48 CROSS

SECTIONS

146.93
X

ELM ST.

Sept 1968

49

L9/328

61+

± TW	12	0
	5.5	5.8
	141.4	141.1
± TW	14	0
	5.4	6.2
	141.5	140.7

62-

(2.5' x 3' deep STONE)
62+33 BOX CULVERT

Bot	Top	± TW	
27	OPEN 27	14.5	0
10.4	7.65	5.4	5.9
136.5	139.28	141.5	141.0

62+

st.

± TW	14	0
	5.4	5.8
	141.5	141.1

63-

± TW	12	0
	5.6	5.5
	141.3	141.4

63+

(South 1/4)

± TW	5	0
	5.1	5.2
	141.8	141.7

+ 11.79

154.86
X

Top	Bot
OPEN	2
7.69	9.7
139.24	137.2

- 3.86 143.07 ✓ T. P. E Spk Angle pt. South. St.

- 10.9 153.77 ✓ B.M. L.O.C. Bot conc. Stop
153.78 310/124

ADDITIONAL

+ 8.53

172.23
X

- 9.36

+ 1.24

164.11
X

28+0

30	0
5.1	9.2
159.0	154.9

28+50

WATER LEVEL
- 7.73 = 156.38
1/10/69

0
10.1
154.0

CROSS SECTIONS

163.70

B.M. VERT. TELEPHONE SPK Root 12" ASH
26+25 121' LT. N.B. 310 Pg. 125

162.87 ✓

T. P. STONE

30	49	52	60	90
8.2	7.4	6.1	5.9	6.5
155.9	156.7	158.0	158.2	157.6

30
10.8
153.3

60
9.9
154.2

E. POND
73
7.5
156.6

90
6.7
157.4

plotted

✓ CTR

50/328

CROSS

SECTIONS

ELM ST MEDFIELD 51

JAN. 1969

29+0

$$\begin{array}{r} 0 \\ 7.9 \\ 156.2 \end{array}$$

$$\begin{array}{r} 30 \\ 10.7 \\ 153.4 \end{array}$$

$$\begin{array}{r} 60 \\ 12.0 \\ 152.1 \end{array}$$

$$\begin{array}{r} 90 \\ 9.5 \\ 151.6 \end{array}$$

29+50

FOR SECTIONS LEFT

SEE PG. 19

$$\begin{array}{r} 0 \\ 4.9 \\ 159.2 \end{array}$$

$$\begin{array}{r} 30 \\ 9.3 \\ 154.8 \end{array}$$

$$\begin{array}{r} 60 \\ 11.6 \\ 152.5 \end{array}$$

$$\begin{array}{r} 90 \\ 10.2 \\ 153.9 \end{array}$$

30+0

$$\begin{array}{r} 0 \end{array}$$

$$\begin{array}{r} 60 \\ 9.7 \\ 154.4 \end{array}$$

$$\begin{array}{r} 90 \\ 10.0 \\ 154.1 \end{array}$$

30+50

$$\begin{array}{r} 0 \end{array}$$

$$\begin{array}{r} 90 \\ 10.8 \\ 153.3 \end{array}$$

- 0.54

163.57 ✓ T.P. ROCK

+ 11.45

$$\begin{array}{r} 175.02 \\ \nearrow \end{array}$$

- 0.83

174.19 ✓ T.P. ROCK

+ 4.83

$$\begin{array}{r} 179.02 \\ \nearrow \end{array}$$

- 2.88

176.14 ✓

B.M. R.O.C GRANITE STEP
(HENRY HOUSE)

CALL 176.12

N.B. 310 PG. 125

plotted

✓ CTR

TAKEN TO SOLID GROUND

	LT. £	£	RT. £
28-	-	0'	0'

28+	-	3.0'	10.0'
-----	---	------	-------

29-	-	0'	3.5'
-----	---	----	------

29+	-	-	1.5'
-----	---	---	------

30-	-	-	-
-----	---	---	---

PROFILE CARTROAD

PHILLIP ST

9+66.5 ASK. BACK

+4.74	193.47	
	<u> </u>	
	- 4.74	

E.T.W.
<u>0</u>
3.6
189.9

<u>30'</u>
5.7
187.8

<u>50'</u>
6.3
187.2

<u>100'</u>
6.7
186.8

<u>150'</u>
6.9
186.6

188.73 B.M. VERT.
SPK 18" P

9+65

188.73 B.M. VERT.

SPK 18" P

9+65

N.B. 310/P.G. 125

<u>200</u>
7.6
185.9

<u>250</u>
8.6
184.9

Plotted VOR

54

328

+4.58

ADDITIONAL CROSS

181.64 ✓
K

- 4.58

SECTIONS

B.M. R.O.C. CONC.

PLAT. MSE. COR.

STEVEN LANE

177.06 ✓
BK 310 PG. 124

ELM. ST.

MEDFIELD

55

JAN. 13, 1969

42+38 = 0+0 STEVEN LANE

0-30

0-44.5

0-57 E.T.W. ELM ST.

0+30

 $\frac{20'}{5.4}$
176.2

E.T.W.

 $\frac{15'}{5.7}$
175.9 $\frac{0'}{5.4}$
176.2

E.T.W.

 $\frac{19.5'}{6.0}$
175.6 $\frac{20.5'}{5.0}$
176.6

BOT. SLOPE

 $\frac{27.5'}{4.9}$
176.7

0+50

 $\frac{20'}{5.7}$
175.9

E.T.W.

 $\frac{16'}{5.9}$
175.7 $\frac{0'}{5.7}$
175.9

E.T.W.

 $\frac{15'}{6.2}$
175.4 $\frac{16'}{5.5}$
176.1

BOT. SLOPE

 $\frac{24.5'}{4.9}$
176.7

1+0

 $\frac{20'}{6.6}$
175.0

E.T.W.

 $\frac{14'}{6.6}$
175.0 $\frac{0'}{6.3}$
175.3

E.T.W.

 $\frac{17'}{6.6}$
175.0 $\frac{18.5'}{5.9}$
175.7

BOT. SLOPE

 $\frac{22.5'}{5.4}$
176.2

1+50

 $\frac{20'}{7.0}$
174.6

E.T.W.

 $\frac{13.5'}{7.0}$
174.6 $\frac{0'}{6.8}$
174.8

E.T.W.

 $\frac{18'}{7.5}$
174.1 $\frac{19'}{7.0}$
174.6

BOT. SLOPE

 $\frac{23.5'}{7.0}$
174.6

2+0

 $\frac{0'}{7.5}$
174.1

2+50

 $\frac{0'}{7.6}$
174.0

Plotted

VCTR

50/LINES and Grades for Const.

(Benches in NB. 310 P 124)

Sta. & Off	+ Rod -	H.I.	Elev.	Grade	C.or F.	remarks
	+2.81	178.93	176.12		B.M. R.O.C. Gran Steer	
					N.B. 3/0/124 (32+63 56.5 Lt)	
33+0 ; 30' Lt	-3.50		175.43	173.50	C=1.93	
33+0 ; 30' Rt	3.99		174.94	173.50	C=1.44	
33+50 ; 30' Lt	-3.69		175.24	173.25	C=1.99	
33+50 ; 30' Rt	-4.86		174.07	173.25	C=0.82	
	-1.99	180.46	176.94		T.P. Hyd Sp. c #6	
	+3.52					
34+0 ; 30' Lt	-5.60		174.86	173.00	C=1.86	
34+0 ; 35' Rt	-7.01		173.45	173.00	C=0.45	
34+50 ; 30' Lt	-6.91		173.55	172.75	C=0.80	
34+50 ; 30' Rt	-6.44		174.02	172.75	C=1.27	
35+0 ; 30' Lt	-7.19		173.27	173.50	F=0.23	
35+0 ; 42' Rt	-6.06		174.40	173.50	C=0.90	
35+50 ; 30' Lt	-3.95		176.51	174.25	C=2.26	
35+50 ; 32' Rt	-3.80		176.66	174.25	C=2.41	
36+0 ; 30.9 Lt	-3.10		177.36	175.00	C=2.36	
36+0 ; 32.5 Rt	-6.26		174.20	175.00	F=0.80	
36+50 ; 33.5 Lt	-3.23		177.23	175.25	C=1.98	
	-8.00	180.2	172.46		B.M. Vert Spk 18" M	
	+7.75				35+68.5 ; 60.5' Rt.	
36+50 ; 32.6 Rt	-12.24		167.97	175.25	F=7.28	
37+0 ; 30' Lt	5.32		174.89	175.50	F=0.61	Tek in Bit.
37+0 ; 34' Rt	-12.11		168.10	175.50	F=7.40	
37+50 ; 39.1 Lt	-4.75		175.46	175.75	F=0.29	
37+50 ; 36.7 Rt	-8.21		172.00	175.75	F=3.75	
38+0 ; 33.7 Lt	-4.45		175.76	176.00	F=0.24	
38+0 ; 35.1 Rt	-6.42		173.79	176.00	F=2.21	
	-1.81	181.00	178.40		T.P. Hyd Spd/c	
	+2.60				38+100 Rt + 25'	
38+50 ; 36.9 Lt	-5.56		175.44	176.25	F=0.81	
38+50 ; 40.4 Rt	-5.52		175.48	176.25	F=0.77	
39+0 ; 36.0 Lt	-5.60		175.40	176.50	F=1.10	
39+0 ; 36.3 Rt	-4.59		176.41	176.50	F=0.09	
39+50 ; 34.2 Lt	-4.68		176.32	176.75	F=0.43	
39+50 ; 34.2 Rt	-4.02		176.98	176.75	C=0.23	
40+0 ; 30.0 Lt	-5.50		175.50	177.00	F=1.50	Tek in bit
40+0 ; 36.7 Rt	-2.96		178.04	177.00	C=1.04	
40+50 ; 36.7 Lt	-5.84		175.16	177.25	F=2.09	
40+50 ; 30.0 Rt	-2.56		178.44	177.25	C=1.19	
	-4.49	187.65	176.51		T.P.	4 5' N 4/10
	+11.14					

Elm St. - Medfield

May 19, 1969 57
G.F.
P.R.

Sta & Off	+ Rod -	H.I.	Elev	Grade	C.or F.	Rem
41+0 ; 41.7 Lt	-12.47	187.65	175.18	177.00	F=1.82	
41+0 ; 30.0 Rt	-6.48		181.17	177.00	C=4.17	
41+50 ; 47.6 Lt	-11.43		176.22	176.74	F=0.52	
41+50 ; 30.0 Rt	-0.78		186.87	176.74	C=10.13	
42+0 ; 46.0 Lt	-10.97		176.68	176.49	C=0.19	Tek in bit
42+0 ; 35.0 Rt	-6.34		181.29	176.49	C=4.80	
42+50 ; 40.0 Lt	-11.07		176.58	176.24	C=0.34	Tek in bit
42+50 ; 40.0 Rt	-11.86		175.79	176.24	F=0.45	Tek in bit
43+0 ; 35.7 Lt	-8.98		178.67	175.99	C=2.68	
43+0 ; 30.0 Rt	-10.18		177.47	175.99	C=1.48	
43+50 ; 35.9 Lt	-8.76		178.89	175.73	C=3.16	
43+50 ; 30.0 Rt	-9.21		178.44	175.73	C=2.71	
44+0 ; 34.1 Lt	-5.17		182.48	175.48	C=7.00	
44+0 ; 30.0 Rt	-8.54		179.11	175.48	C=3.63	
44+50 ; 33.3 Lt	-4.90		182.75	175.23	C=7.52	
	-5.53	182.93	182.12		T.P. Stone 44+700	
	+0.81				Lt 50' ±	
44+50 ; 30' Rt	-4.21		178.72	175.23	C=3.49	
45+0 ; 44.8 Lt	-5.23		177.70	174.97	C=2.73	
45+0 ; 61.4 Rt	-5.43		177.50	174.97	C=2.53	
45+50 ; 35.1 Lt	-7.90		175.03	174.72	C=0.31	
45+50 ; 34.8 Rt	-8.83		174.10	174.72	F=0.62	
46+0 ; 32.0 Lt	-10.77		172.16	174.47	F=2.31	
	-10.48	178.91	172.45		T.P. Stone 46+100 10' Lt.	
	+6.46					
46+0 ; 41.6 Rt	-10.42		168.49	174.47	F=5.98	
46+50 ; 39.2 Lt	-13.97		164.94	174.21	F=9.27	
46+50 ; 43.6 Rt	-7.58		171.33	174.21	F=2.88	
47+0 ; 52.7 Lt	-12.90		166.01	173.96	F=7.95	
47+0 ; 44.8 Rt	-5.39		173.52	173.96	F=0.44	
47+50 ; 53.1 Lt	-11.72		167.19	173.71	F=6.52	
47+50 ; 44.6 Rt	-6.19		172.72	173.71	F=0.99	Tek in Bit
48+0 ; 39.7 Lt	-6.10		172.81	173.46	F=0.65	
48+0 ; 47.2 Rt	-4.50		174.41	173.46	C=0.95	
48+50 ; 42.1 Lt	-11.02		167.89	173.20	F=5.31	
48+50 ; 34.6 Rt	-3.89		175.02	173.20	C=1.82	
	-7.84	175.67	171.07		T.P. & tek 49+0	
	+4.60					
49+0 ; 38.0 Lt	-9.20		166.47	172.95	F=6.48	
49+0 ; 36.8 Rt	-1.36		174.31	172.95	C=1.36	
49+50 ; 47.4 Lt	-1.86		173.81	172.70	C=1.11	
49+50 ; 73.1 Rt	-1.89		173.78	172.70	C=1.08	

58 Lines and Grades for Const.

328

Sta. + Offset	+ Rod	H. I.	Elev	Grade	Cut or Fill	Rem.
		175.67				
50+0 31.1 Rt	-0.65		175.02	172.44	C = 2.58	
	-1.68		173.89		T.P. Stone on Ret wall	
	+11.01	185.00				
50+0 35.5 Lt	-10.08		174.92	172.44	C = 2.48	
50+50 57.5 Rt	-0.53		184.47	172.19	C = 12.28	
51+0 134.1 Lt	-11.53		173.47	171.94	C = 1.53	
51+0 66.9 Rt	-2.75		182.25	171.94	C = 10.31	
51+50 41.0 Rt	-8.76		176.24	171.68	C = 4.56	
	-9.03	177.53	175.97		B.M. P.O.C. top conc	
	+1.56				platf. 51+02 66' Lt.	
50+50 41.6 Lt	-5.24		172.29	172.19	C = 0.10	
51+50 42.3 Lt	-4.67		172.86	171.68	C = 1.18	
52+0 45.7 Lt	-5.13		172.40	171.41	C = 0.99	
52+0 36.2 Rt	-2.99		174.54	171.41	C = 3.13	
52+50 47.4 Rt	-2.84		174.69	170.88	C = 3.81	
	-6.00	176.78	171.53		T.P. & tck 52 -	
	+5.25					
52+50 58.6 Lt	-4.65		172.13	170.88	C = 1.25	
53+0 46.8 Lt	-4.73		172.05	169.99	C = 2.06	
53+0 31.0 Rt	-4.21		172.57	169.99	C = 2.58	
53+50 34.8 Lt	-4.67		172.11	168.75	C = 3.36	
53+50 33.8 Rt	-6.45		170.33	168.75	C = 1.58	
54+0 38.9 Lt	-5.38		171.40	167.17	C = 4.23	
54+0 35.4 Rt	-7.28		169.50	167.17	C = 2.33	
	-3.05	174.57	173.73		B.M. P.O.C. conc. platf	
	+0.84				H 45 53+95; 74.5 Rt	
54+50 41.0 Lt	-3.18		171.39	165.50	C = 5.89	
54+50 34.8 Rt	-8.01		166.56	165.50	C = 1.06	
55+0 53.0 Lt	-2.35		172.22	163.83	C = 8.39	
55+0 34.6 Rt	-9.41		165.16	163.83	C = 1.33	
	-11.92	164.44	162.65		T.P. & tck 55 -	
	+1.79					
55+50 60.6 Lt	-1.76		162.68	162.17	C = 0.51	
55+50 34.5 Rt	-2.04		162.40	162.17	C = 0.23	
56+0 44.6 Rt	-6.07		158.37	160.20	F = 1.83	

Elm St - Medfield May 21, 1969 59

Sta. + Offset	+ Rod	H. I.	Elev	Grade	Cut or Fill	Rem.
		164.44				
56+50 38.1 Rt	-8.32		156.12	157.63	F = 1.51	Tck in bit.
57+0 35.9 Rt	-9.02		155.42	154.75	C = 0.67	
57+50 31.7 Rt	-11.87		152.57	151.88	C = 0.69	
	-10.67		153.77			
			153.78			
					B.M. L.O.C. bot conc ster	
					57+06; 48.5' Lt	
					N.B. 310 p 124	
Additional Grades						
	+ 8.29	190.61	182.32			
40+50 33' Rt	-11.68		178.93	177.25	C = 1.68	
41+0 35.4 Rt	-9.50		181.11	177.00	C = 4.11	
41+50 45.5 Rt	-1.30		189.31	176.74	C = 12.57	
42+0 54.5 Rt	-6.99		183.62	176.49	C = 7.13	
40+86 Drive Ask	Rt.					
25' off Dr. 30' Rt	-10.50		180.11	177.4	C = 2.7	
25' off Dr. 40' Rt	-9.42		181.19	178.7	C = 2.4	
25' off Dr. 50' Rt	-8.78		181.83	180.0	C = 1.8	
25' off Dr. 60' Rt	-8.19		182.42	181.4	C = 1.0	
25' off Dr. 70' Rt	-7.55		183.06	182.7	C = 0.4	
	-11.51		179.10			
	+1.77	180.87				
41+50 48.3 Lt	-3.84		177.03	176.74	C = 0.29	
42+0 55.4 Lt	-3.30		177.57	176.49	C = 1.08	
	-3.81		177.06			
					B.M. L.O.C. conc. platf.	
					N.B. 310 Pg 124	

60/ LINES and GRADES for Const.

Sta	Offset	Rod	H.I.	Elev.	Grade	Cutor Fill	Rem.
		+8.79	181.25	172.46		B.M. Vert. Spk. Root 18W	
						35+68.5 60.5 Rt.	
36+0	Lt 30.0	-4.05		177.20	175.00	C=2.20	Top sth
36+0	Rt 30.0	-6.38		174.87	175.00	F=0.13	"
36+50	Lt 30.0	-4.18		177.07	175.25	C=1.79	"
36+50	Rt 30.0	-5.03		176.22	175.25	C=0.97	"
37+0	Rt 30.0	-5.29		175.96	175.50	C=0.46	"
37+50	Lt 30.0	-5.11		176.14	175.75	C=0.39	"
37+50	Rt 30.0	-5.26		175.99	175.75	C=0.24	"
38+0	Lt 30.0	-5.68		175.57	176.00	F=0.43	"
38+0	Rt 30.0	-6.62		174.63	176.00	F=1.37	"
38+50	Lt 30.0	-5.37		175.88	176.25	F=0.37	"
38+50	Rt 30.0	-4.54		176.71	176.25	C=0.46	"
39+0	Lt 30.0	-5.33		175.92	176.50	F=0.58	"
39+0	Rt 30.0	-4.47		176.78	176.50	C=0.28	"
39+50	Lt 30.0	-4.80		176.45	176.75	F=0.30	"
39+50	Rt 30.0	-4.58		176.67	176.75	F=0.08	"
		+5.50	181.13	-5.62	175.63	T.P. Stone in Road	
						39+50	
40+0	Rt 30.0	-3.56		177.57	177.00	C=0.57	Top sth
40+50	Lt 30.0	-4.91		176.22	177.25	F=1.03	"
40+50	Rt 30.0	-3.32		177.81	177.25	C=0.56	"
41+0	Lt 30.0	-4.46		176.73	177.00	F=0.27	"
41+0	Rt 30.0	-2.57		178.56	177.00	C=1.56	"
43+0	Rt 30.0	-5.01		176.12	175.99	C=0.13	"
43+50	Rt 30.0	-4.76		176.37	175.73	C=0.64	"
44+0	Rt 30.0	-4.46		176.67	175.48	C=0.19	"
44+50	Rt 30.0	-5.58		175.55	175.23	C=0.32	"
45+0	Lt 30.0	-5.05		176.98	174.97	C=1.11	"
45+50	Lt 30.0	-6.00		175.13	174.72	C=0.41	"
45+50	Rt 30.0	-6.01		175.12	174.72	C=0.40	"
		-5.31	177.03	175.82		B.M. Loc. Top Gran Plat.	
		+1.22		175.81		Hsc. 23	
46+0	Lt 30.0	-3.05		173.98	174.47	F=0.49	Top sth
46+0	Rt 30.0	-1.86		175.17	174.47	C=0.70	"
46+50	Lt 30.0	-3.28		173.75	174.21	F=0.46	"
46+50	Rt 30.0	-2.82		174.21	174.21	Grade.	"

ELM. ST. MEDFIELD Oct. 3, 1969 61

Sta	Offset	Rod	H.I.	Elev.	Grade	Cutor Fill	Rem.
			177.03				Farren Land
47+0	Lt 30.0	-3.36		173.67	173.96	F=0.29	Davis
47+50	Lt 30.0	-3.22		173.81	173.71	C=0.10	Top sth
48+0	Lt 30.0	-3.61		173.42	173.46	F=0.04	"
48+50	Lt 30.0	-3.92		173.11	173.20	F=0.09	"
48+50	Rt 30.0	-3.24		173.79	173.20	C=0.59	"
49+0	Lt 30.0	-4.19		172.84	172.95	F=0.11	"
49+0	Rt 30.0	-4.68		172.35	172.95	F=0.60	"
49+50	Lt 30.0	-4.11		172.92	172.70	C=0.22	"
49+50	Rt 30.0	4.28		172.75	172.70	C=0.05	"
50+0	Lt 30.0	-3.59		173.44	172.44	C=1.00	"
		-3.58	176.59	173.45	T.P.	50+0 Lt 30.0	
		+3.14					
50+0	Rt 30.0	-1.35		175.24	172.44	C=2.80	Top sth
50+50	Lt 30.0	-4.16		172.43	172.19	C=0.24	"
50+50	Rt 30.0	-3.95		172.64	172.19	C=0.45	"
51+0	Lt 27.0	-3.40		173.19	171.94	C=1.25	"
51+0	Rt 30.0	-3.71		172.88	171.94	C=0.94	"
51+50	Lt 42.0	-3.42		173.17	171.68	C=1.49	"
52+0	Lt 30.0	-4.31		172.38	171.41	C=0.97	"
52+0	Rt 30.0	-3.18		173.41	171.41	C=2.00	"
52+50	Lt ASK 34.0	-3.15		173.44	170.88	C=2.56	"
52+50	Rt ASK 31.0	-3.47		173.12	170.88	C=2.24	"
53+0	Lt 30.0	-3.99		172.60	169.99	C=2.61	"
53+0	Rt 30.0	-5.87		170.72	169.99	C=0.73	"
53+50	Lt 30.0	-5.25		171.34	168.75	C=2.59	"
53+50	Rt 30.0	-6.68		169.91	168.75	C=1.16	"
54+0	Lt 30.0	-6.25		170.34	167.17	C=3.17	"
54+0	Rt 30.0	-7.45		169.14	167.17	C=1.97	"
		-7.44	175.83	169.15	T.P.	54+0 Rt 30.0	
		+6.68					
		-2.10		173.73	B.M. Roc. Conc. Plat.	Hsc. #5	
				(173.73)	53+95 74.5 Rt.		

JRF

62 Elm St. Medfield Oct 6 1969
Grade stakes

328/63

Inst.

Tape

Wthr & Temp.

Date

Crew

Sta off	Rod	H.I.	Elv	Grade	Cor F.	Remarks
	+3.48	179.29	175.81	D.M. L.O.E.	Top of 1st 10.	23 310/24
45+ 1430.00	3.88		175.41	174.72	C = 0.69	Top 5th
45+ RT 30.00	3.92		175.37	174.72	C = 0.65	"
45- 1430.0	2.93		176.36	174.97	C = 1.39	"
44+ RT 30.0	3.46		175.83	175.23	C = 0.60	"
44- RT "	2.33		176.96	175.23	C = 1.73	"
43+ RT "	2.63		176.66	175.73	C = 0.93	"
43- RT "	2.87		176.42	175.99	C = 0.43	"
"	"					
"	5.34	180.88	-3.75	175.54	T.P. 5th	
41- 1430.0	3.87		177.01	177.00	C = 0.01	
41- RT "	2.04		178.84	177.00	C = 1.84	
40+ 1430.0	4.37		176.51	177.25	F = 0.74	
40+ RT "	2.75		178.13	177.25	C = 0.88	
40- RT "	3.02		177.86	177.00	C = 0.86	

64

328

Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

65

66

328

Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

67

68

328

Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

69

70 MAIN ST. $\approx$ MEDFIELD

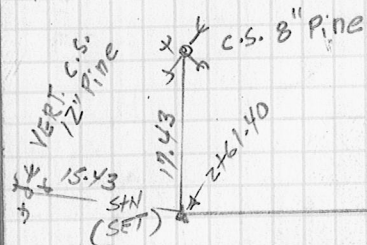
328

SETTING UP β ON EARTH DAM FOR

STUDY

POND

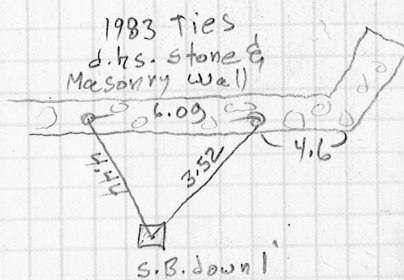
JUNE 28, 1982
T=65°F W. SIMPSON
CLOUDY J. CROWLEY
D. O'Brien
E. KELLY



BASELINE FOR

EARTH DAM STUDY

EXISTING
SPILLWAY



83.49
55.02
138.51

VINE
BROOK

92.28.30
184.58.00
92.29.00



138.51
N 51° E MAG.

CEMETERY

23.06
73.71
96.77

(SEE ALSO PGS. 104 AND 105
FOR 1983 WORK)

57-53.00
115-46.00
57-53.00

388.32 PLAN
TO MEDFIELD CTR.
MAIN ST. (RTE 109)

S.B. (FND)
UNDER RET. WALL

10' OFFSET LINE

SEE N.B. 165
Pg. 145 FOR TIES

31-08-00
62-16-00
31-08-00

258.92 PLAN

S.B. (FND)

L=492.88 A=35°18'00" R=800

72 MAIN ST.

MEDFIELD

EARTH DAM STUDY

73

6/28/82

328

+ 5.39

147.97

144.2 R=3.8 165
93-30143.8 R=4.2 119
93-3088
92-3074.4
93-00 12" M.142.9 R=5.1 58
93-00142.1 Rod=5.9 142.2 30'
R=5.8 77-30141.8 Rod=6.2 29.2
28-30

TOP EDGE OF POND

18" Willow

19
59-3012
00-00

0+50

HERE

24" M.
B.M.

TOP EDGE OF DAM

49
342-30 R=7.51
140.5140.6
R=7.4 on wall

139.7 R=8.3 @ wall

138.3 @ wall: 9.7

51'
301-30STONE
RET. WALL24" Willow
108
98-30
%30165 R=3.1
98-30 144.9

R=5.0

143.0

1120 R=3.4
98-30 144.688 R=3.9
98-30 144.158' R=4.8 143.2
96-3030' R=5.4 142.6
88-0017.7 Rod=5.6 142.4
73-30Rod=5.2
142.829 Rod=6.0
304-30 142.034.5 R=6.1
295-30 141.957 R=6.1
275-30 141.9

-5.39 142.58 B.M. above

B.M. spk. in 24" M. W. SIMPSON
N.B. 264 P. 149
ELEV. = 142.58145.8 Rod=2.2 164
103-00 119' R=2.6
104-3088 R=3.0
107-30 146.0144.2 58'
R=3.8 113-3036" M.
54'
118-00143.5 30
R=4.5 120-0036" M.
29'
127-30143.2 10
R=4.8 140-307.5 181-30
30" M.R=5.3 17.5
265-3028 264-00
16" M.142.6 30
R=5.4 267-3050 260-00 R=5.5
24" M.

CEMETERY

74 MAIN ST.

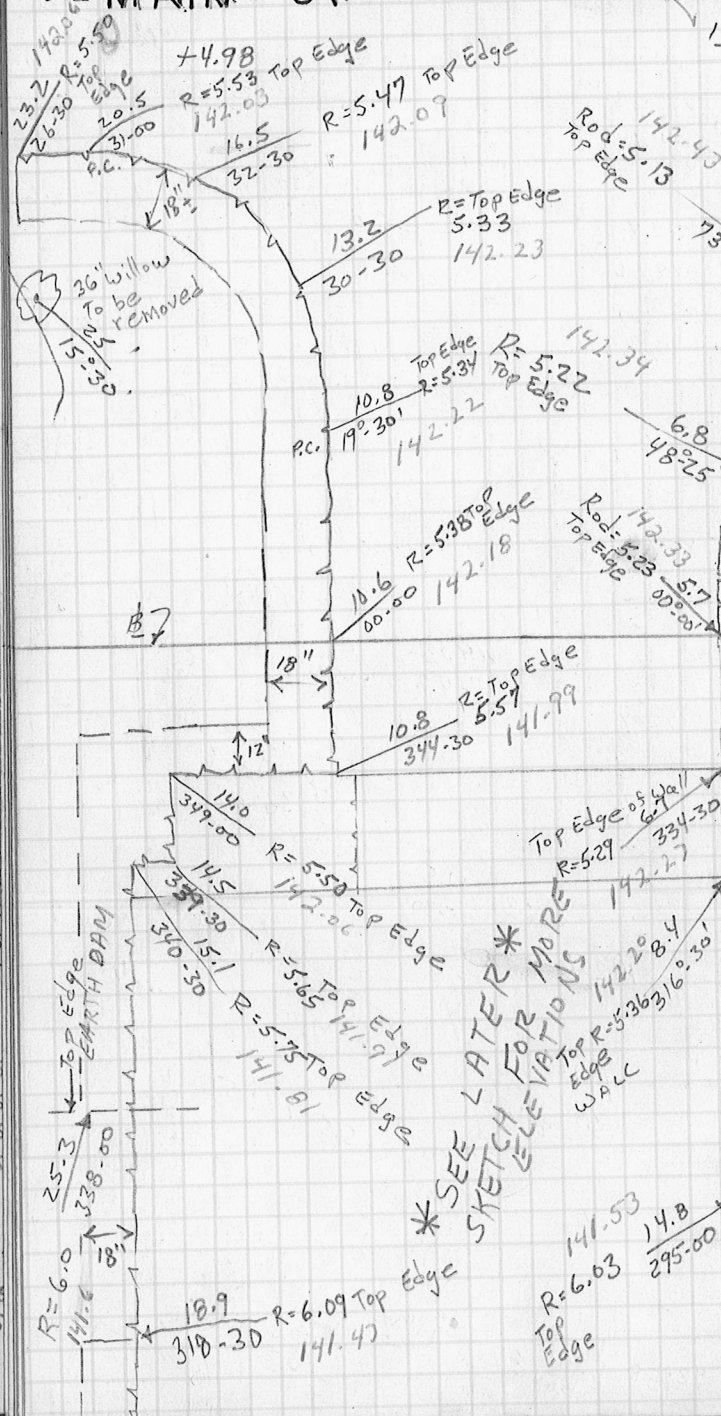
Z

MEDFIELD

EARTH DAM STUDY

6/28/82 '75

W. SIMPSON



147.56

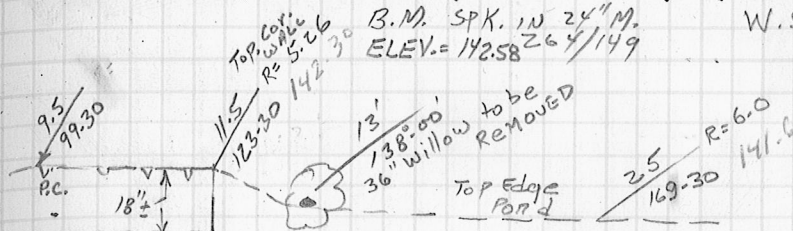
B.M. CHIS. SQ. P.88

STONE & MASONRY RET. WALL

EARTH DAM STUDY

6/28/82 '75

W. SIMPSON



FIELD BOOK 328

80
 HERE
 P.70 & 71
 A
 SPK.
 070

- 4.98 = 142.58 B.M. above

EK

76 MAIN ST. MEDFIELD

+5.11

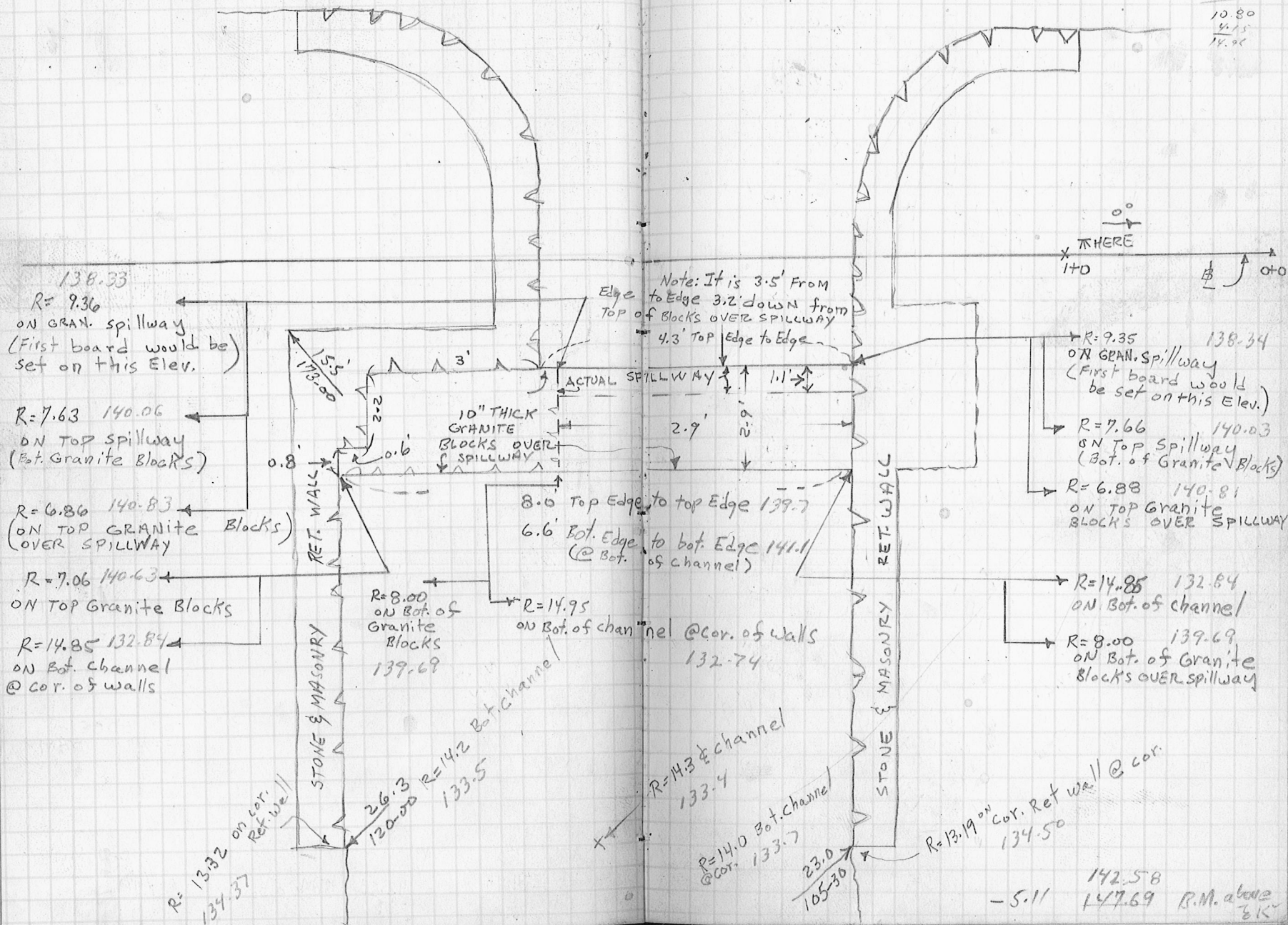
147.69

EARTH DAM STUDY

B.M. 142.58
264/149

POND

10.22
4.15
10.80
4.15
14.95



ΣΚ

80/MAIN ST.

MEDFIELD

6/30/82 81

W. Simpson
J. Crowley
D. O'Brien

V.A. = 13°
V.D. = 37.13
H.D. = 36.18
Call 36.2

V.A. = 13°
V.D. = 43.80
H.D. = 42.68
Call 42.7

+ 4.37 $\frac{141.47}{\text{K}}$

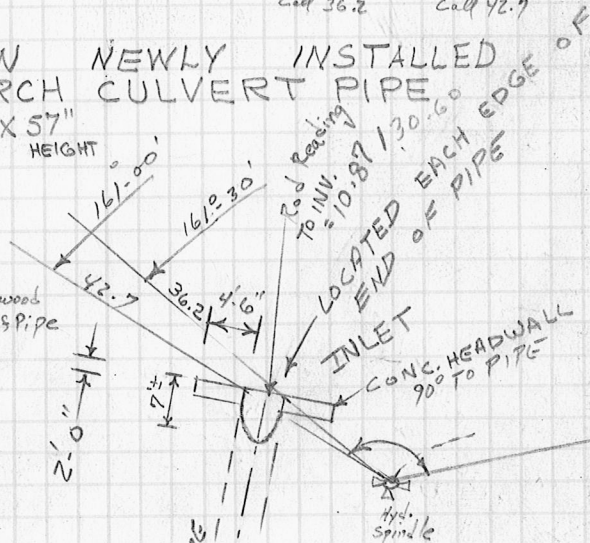
B.M. #2

137.10
N.B. 264/149

LOCATION NEWLY INSTALLED
CORR. ARCH CULVERT PIPE

83" X 57"
WIDTH HEIGHT

96" x 8' sheet plywood
41.5' $\frac{1}{2}$ width of pipe
54.5' = 4' 6"



X-CUT
RIM, S.M.H.

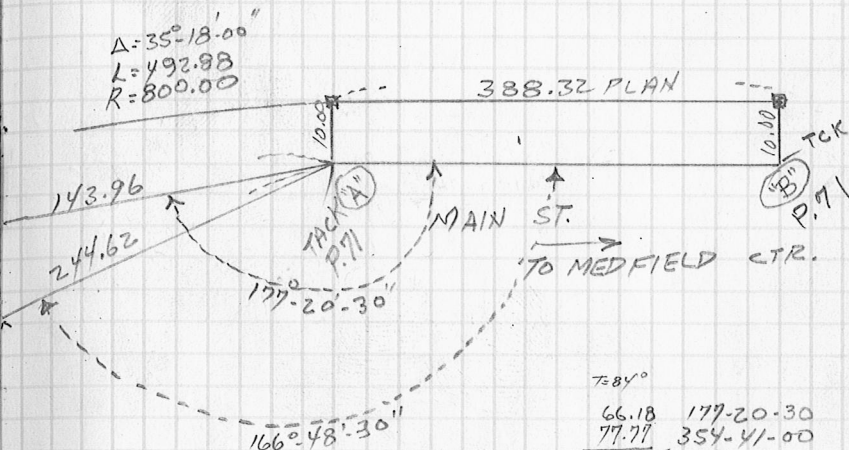
Rod Reading
TO INV. = 11.43
130.04

90° TO PIPE → CONC. HEADWALL
SAME DIMENSIONS
AS OTHER END

V.A. 15°
V.D. = 32.43
H.D. = 31.32
Call 31.3

V.A. 15°
V.D. = 38.85
H.D. = 37.53
Call 37.5

$\Delta = 35^\circ 18' 00''$
 $L = 492.98$
 $R = 800.00$



7.84°
66.18 177-20-30
77.77 354-41-00
143.95 177-20-30
101
143.96

83.45 166-48-30
80.15 333-37-00
81.00 166-48-30
244.60
0.02
244.62

- 4.37 B.M. above = 137.10

EK

82/ EARTH DAM STUDY AT

1328

+ 4.70

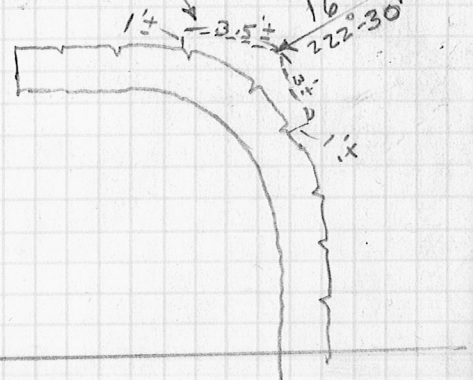
147.28 ✓

34' R=16.2 131.1
229°-00'
SOLID POND Bottom
28' R=16.7 130.6
230°

21' R=15.5 131.8
249°-30'

SOL

Portion of Exposed
STONE & MASONRY Foundation
For Wall



Note: Had Highway Dept. backhoe take some material out from between Ret. walls to determine wall depths. Also took punchings to solid pond bottom as shown -

Wesley Simpson
7/6/82

CEMETERY POND (VINE LAKE) 83

B.M. 142.58
264/149

7/6/82

W. SIMPSON
J. CROWLEY

19' R=15.7 131.6
244°-30'
27' R=15.5 131.8
255°-30'

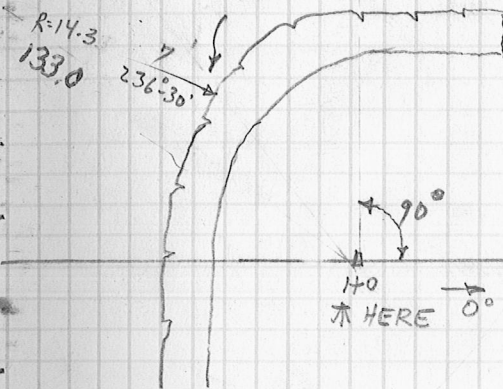
26' R=14.5 132.8
270°

SOLID POND Bottom

20' R=15.0 132.3
270°

SOLID POND Bottom

Apparent solid
Gravel base @
Bot. of wall

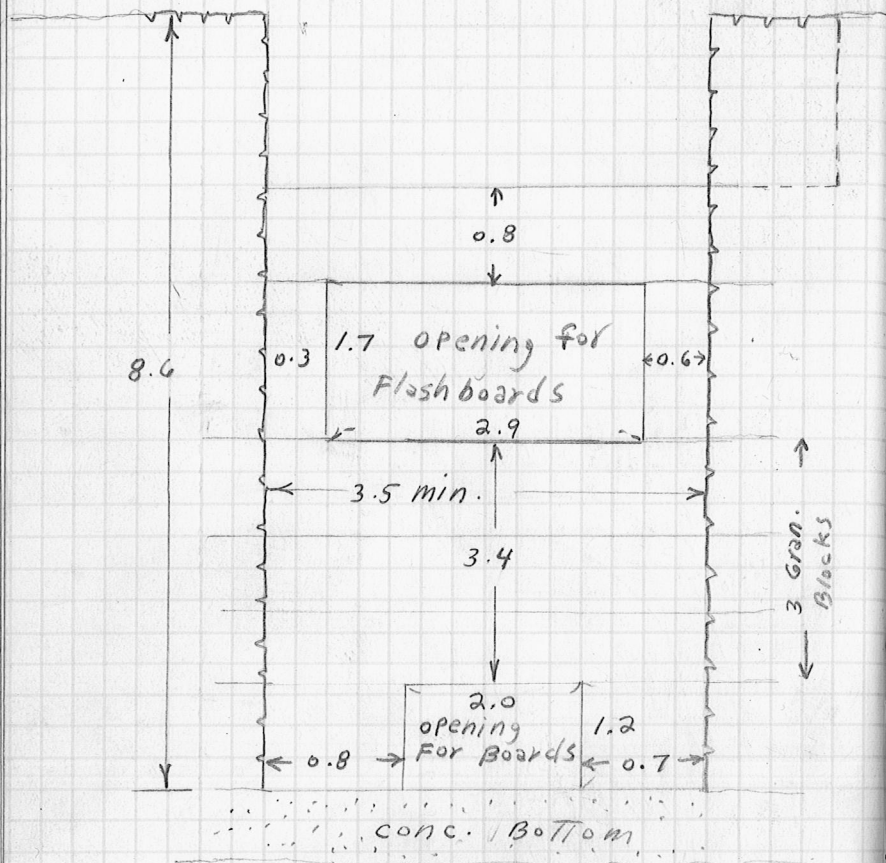


90°
140
HERE 0°

0+0
A70-71

- 4.70 142.58 ✓ B.M. ABOVE

EK



view From Pond side

88 EARTH DAM - VINE LAKE

Inst.
3

Tape
3

Wthr & Temp.
SUNNY - 90°

Date
7/13/83

Crew
SIMPSON
CROWLEY
CARROLL

SETTING B.M. (CHIS. SQ.) ON
FACE OF STONE & MASONRY WALL
SEE Pg. 74 FOR APPROX. LOCATION

+ 0.35

142.93
↑

B.M. SPK. 24" M.
P. 75 ELEV. = 142.58
ALSO 264/149

- 7.365 B.M. CHIS. SQ.
= 135.565

CHECK ON ABOVE

+ 0.26

142.84
↑

142.58

- 7.28 135.56

USE AS FINAL

OBTAINING ELEV. ON ISLAND
SEPT. 14, 1983

+ 4.99

147.57
↑

B.M. 142.58
ABOVE

- 5.0 = 142.6

ELEV. ON ISLAND

142.6 ISLAND

140.5 TOP WALL

2.1

89

328

Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr. & Temp.

Date _____

Crew

Inst.

Tape

Wthr & Temp.

Date _____

Crew

3

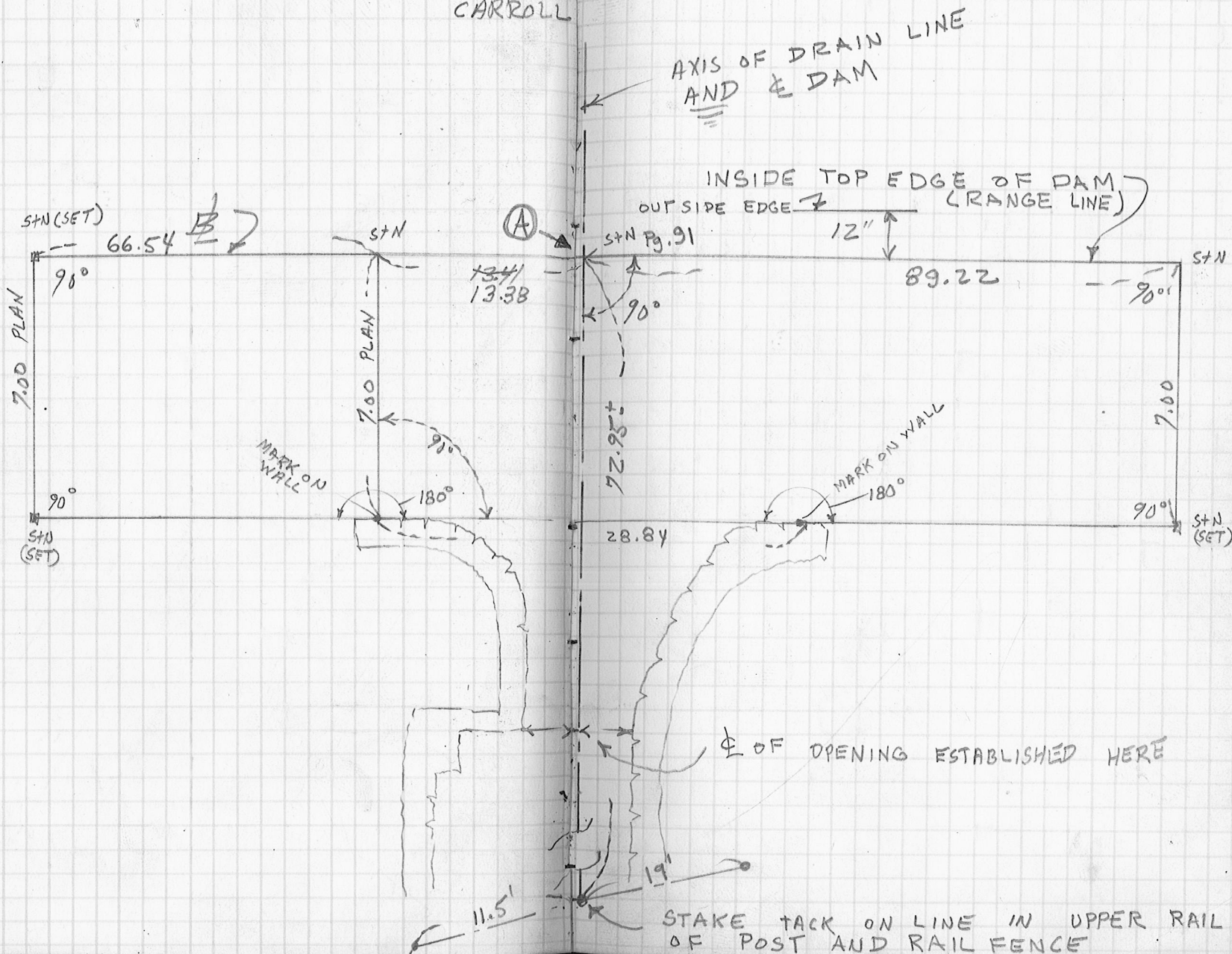
3

SUNNY 90°

7/14/83

SIMPSON
CROWLEY
CARROLL

7/14/82



94

Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

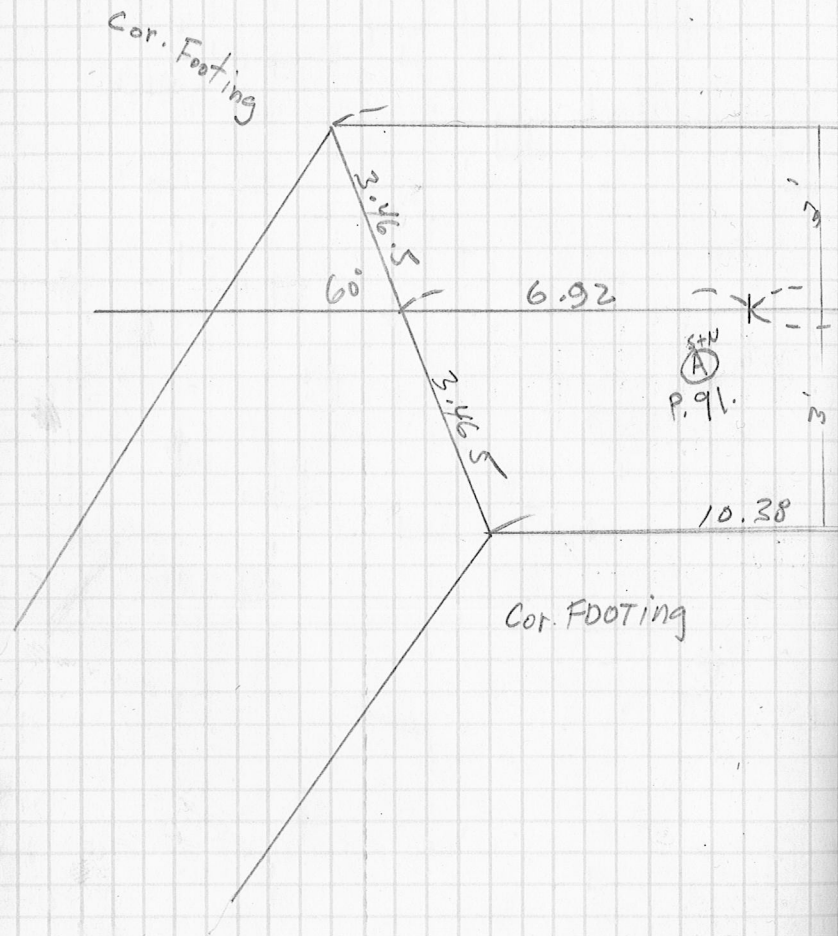
Tape

Wthr & Temp.

Date

Crew

95



FOOTING

17.30

Cor. Footing

6.92

89.22

3.465

Cor. Footing

19.12
70.10
89.22

1 1
8.65 5.19
8.65 5.19
17.30 10.38

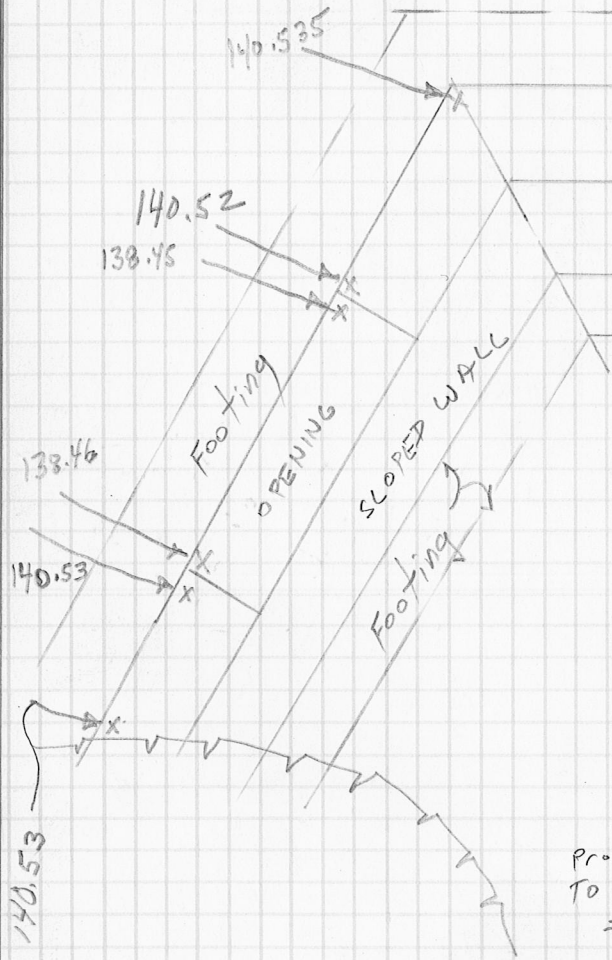
2.31
1.155
3.465

B

7.00

96 VINE LAKE DAM MEDFIELD

Inst. 328 4 Tape 3 Wthr & Temp. SUNNY 75° Date Aug. 23, 1983 Crew SIMMONS CROWLEY

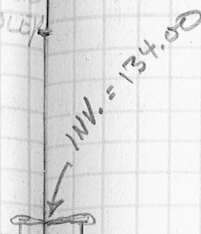


Proposed
to SLUICeway
= 135.00
133.68
1.32

97

Inst. Tape Wthr & Temp. Date Crew

AS BUILT ELEVATIONS -
USE LENKER ROD - B.M. 135.56
P. 88



INV. 133.93
@ Valve

133.68
INV. Granite slab
on which sluiceway
is to be constructed

133.93
133.68
.25 = 3"
Pitch

98 VINE LAKE DAM - MEDFIELD

Inst. 3 Tape 3 Wthr & Temp. SUNNY 55° Date 9/26/83 Crew SIMPSON CROWLEY CARROLL

SET UP B TO TAKE ELEV. ALONG ROADWAY FOR POSSIBLE RE-GRADING

2+61.40

CHECKING ROADWAY ELEV. 99

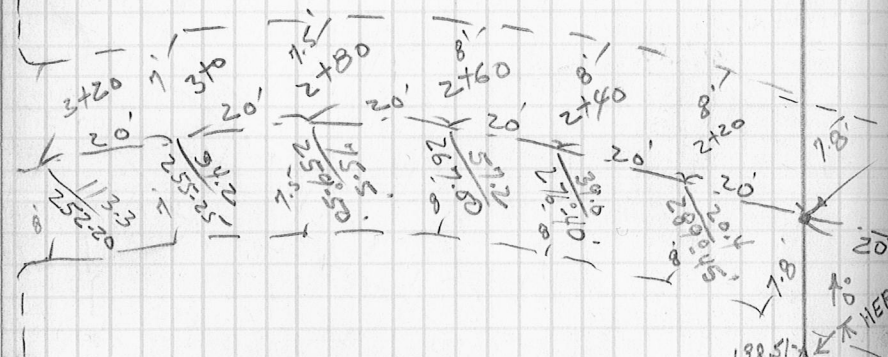
Inst. Tape Wthr & Temp. Date 9/26/83 Crew

B.M. 142.58
264/149 Vert. spk.

USE LENKER ROD

ROUTE 109

MAIN ST

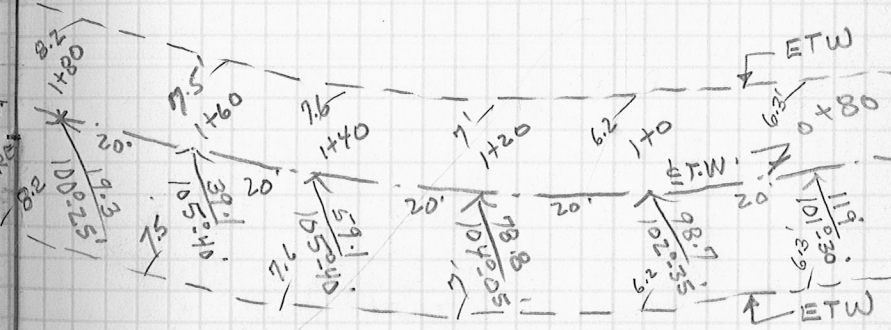


NOTE: SEE ELEVATIONS ON PAGE 100

SPK
0+0
PG. 71

FOR DAM.

0+02.9 DAM (2 ROADWAY)
2+0 2 ROADWAY



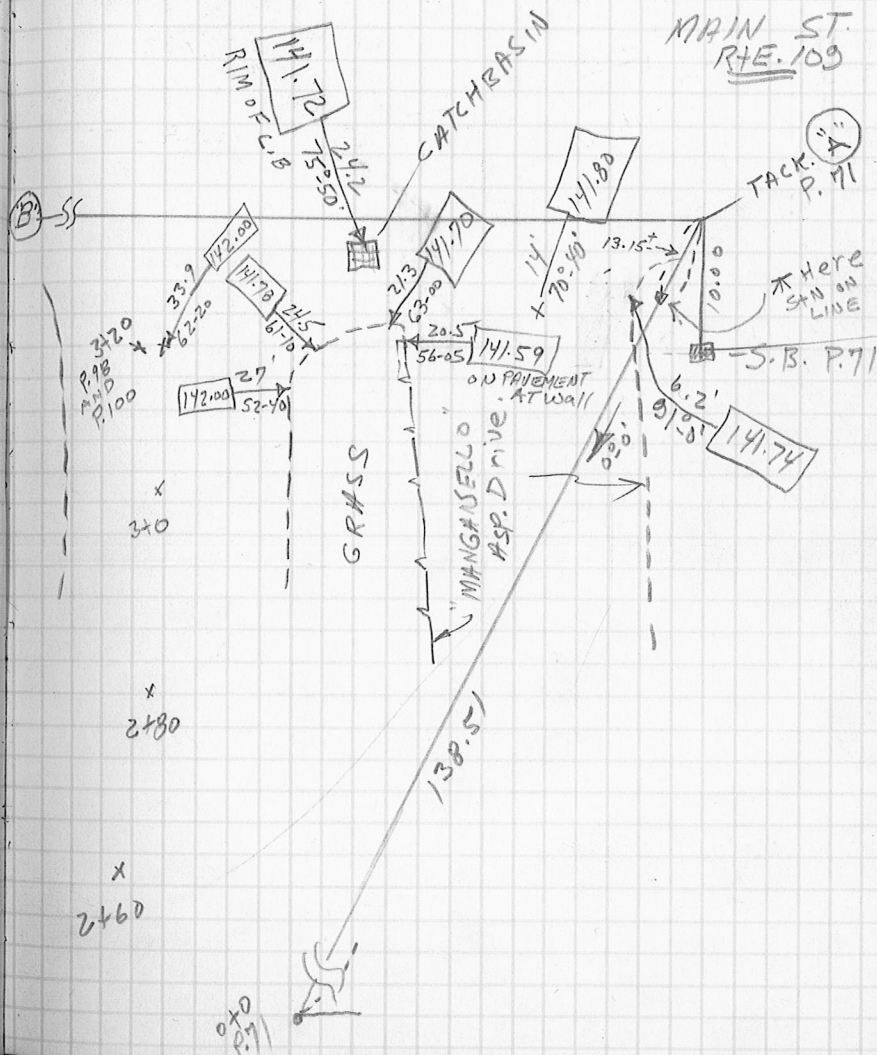
ELEVATIONS ON ROADWAY - Pg 98-99

0+80	145.37	145.03	144.60
1+0	145.10	144.78	144.40
1+20	144.75	144.35	143.81
1+40	144.18	143.83	143.34
1+60	143.58	143.30	142.75
1+80	143.28	143.00	142.53
2+0	143.07	142.67	142.06
2+20	142.64	142.40	142.00
2+40	142.50	142.25	141.87
2+60	142.51	142.25	141.85
2+80	142.41	142.29	141.87
3+0	142.26	142.20	142.10
3+20		142.00	

— USED LENKER ROD —

141.72 = RIM C.B. @ MAIN ST.

* USE LENKER ROD
ELEV. AT VICINITY OF C.B. @ 109



104 VINE LAKE DAM $\approx$ MEDFIELD

Inst. 1
Tape 3
Wthr & Temp. SUNNY 48°
Date 10/20/83
Crew Simpson, Crowley, Carroll

165.62 PLAN
PLAN: 139.64
S.B. Found
small drill
MARK SET.
SEE SKETCH BELOW
53.21
86.27
39.48
MEAS. to d.h.
126.00
31.00
95.00
39.64
139.48
0.16 Diff.
249.55 PLAN
139.64
0.09
d.h.
S.B.
SEE PLAN FILED AS NO. 501 OF 1954 PL. BK. 186
WOOD SHED FENCE ON LINE
SEE PAGES 106 & 107 FOR TIES TO CORNERS
L = 492.88
L = 130.86 PLAN
Δ = 35°-18'-00" R = 800

STAKE OUT MANGANELLO LOT 105

Inst. Tape Wthr & Temp. Date Crew

checked by M. Carn 11/21/8.

10/30/83

25°-27' ✓
49°-39'-58" ✓
75°-06'-58" ✓
108.977 ✓
14°-53'-0" ✓
92.00
105.321

13.321
64°-33'
115°-27'-00"

SW AS SIGHT

14°-53'-02" ✓
63°-10'-38" ✓
92.00 PLAN
111°-49'-22" ✓
9°-56'-20" ✓
PLAN Laid OFF

End Vis. Wall
STONE RET. WALL
S.B. Found.

Small drill MARK SET @ End cor Ret. wall
91°-10'-40" ✓
PLAN Laid OFF

S.B. Used as found 1983
PLAN 27.75 ✓
10.00
90°
27.96
TICK SET

388.32 PLAN

0.10
d.h.
MARK SET
0.09
98.00

01-10
10.00
100%
0.21

27.75
27
27.96

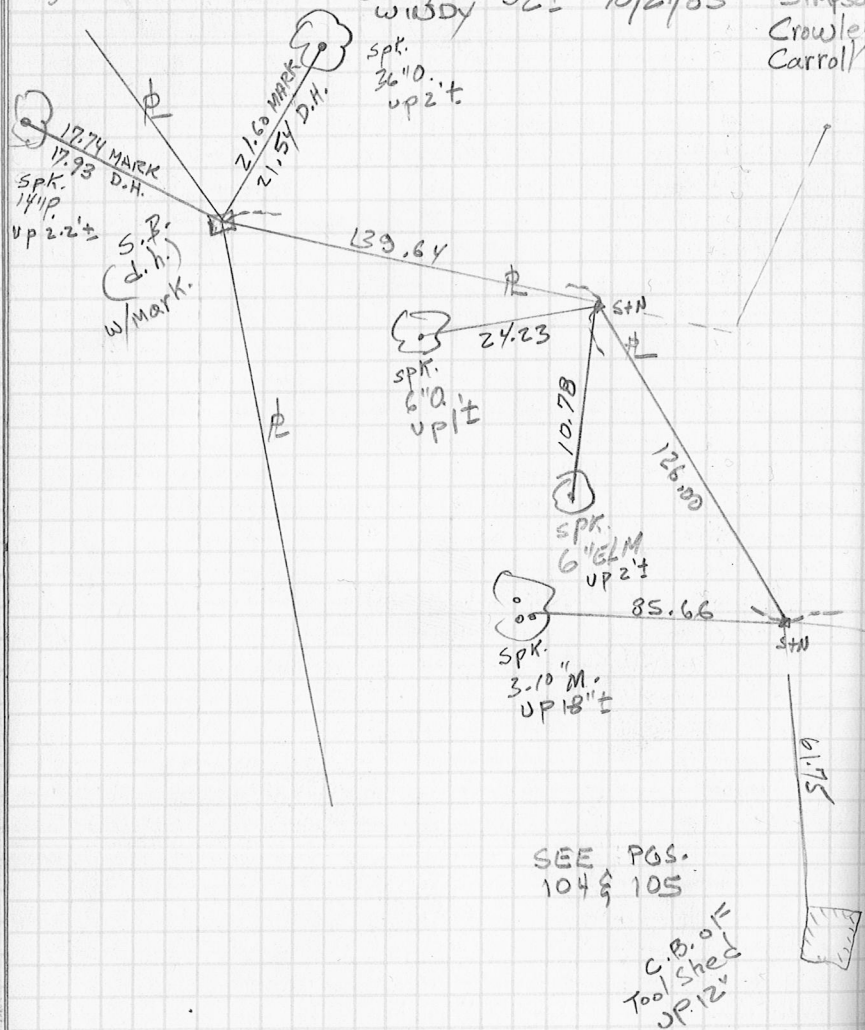
S.B. UND WALL
10.00
90°
TICK SET P.M.

ROUTE #109

MAIN ST. TO MILLIS LINE

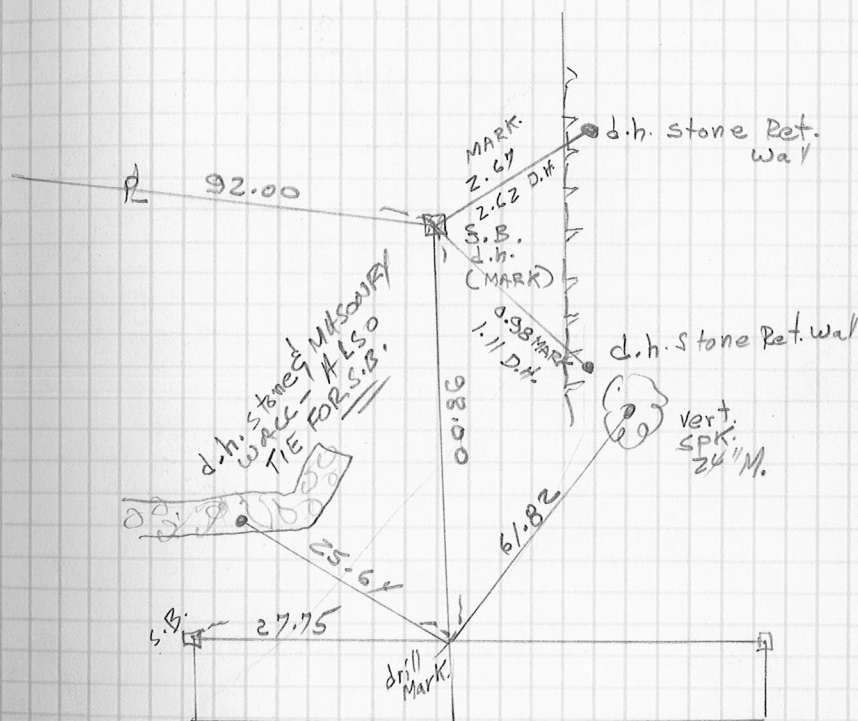
106 VINE LAKE DAM & MEDFIEL D STAKE OUT MANGANELLO LOT 107

328 Inst. 1 Tape 3 Wthr & Temp. Sunny Windy 52°± Date 10/21/83 Crew SIMPSON Crowley Carroll



Inst. Tape Wthr & Temp. Date Crew

10/21/83



108 VINE LAKE - MEDFIELD

Inst. 328
1

Tape 3

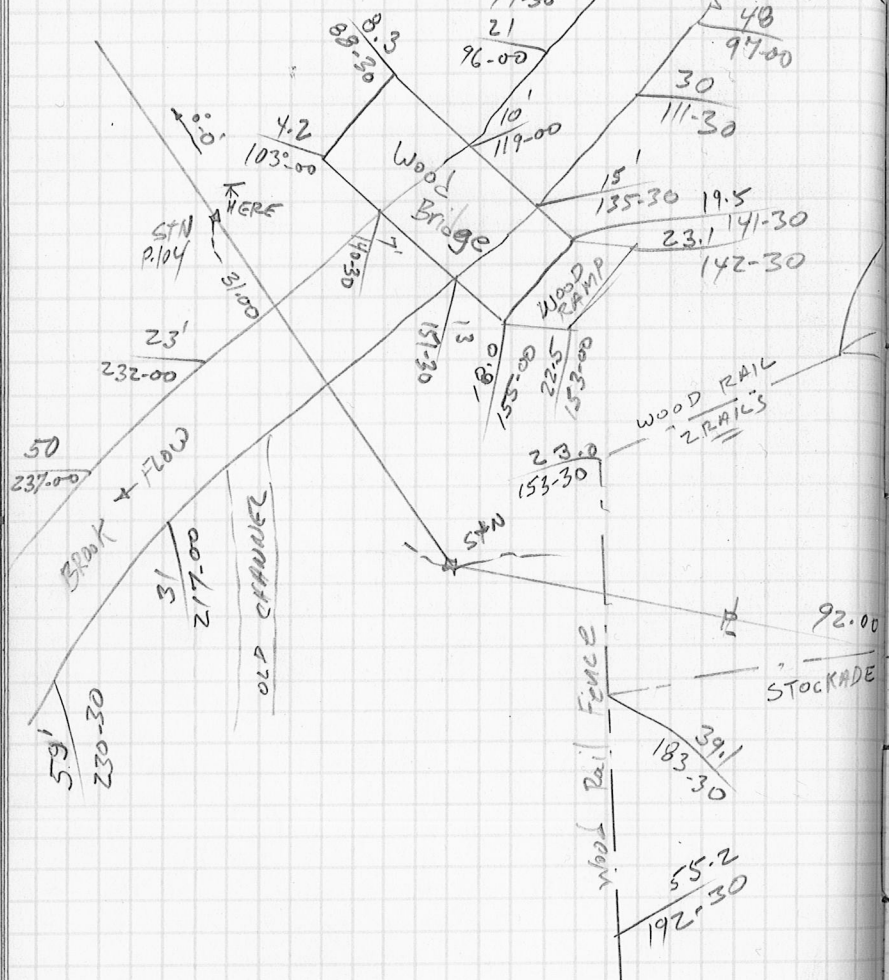
Wthr & Temp.
SUNNY

Date

10/21/83

Crew

S. M. P. S. O.
CROWLEY
CHAPMAN



LOCATIONS REAR MANGANELLOS HSE 109

Inst.

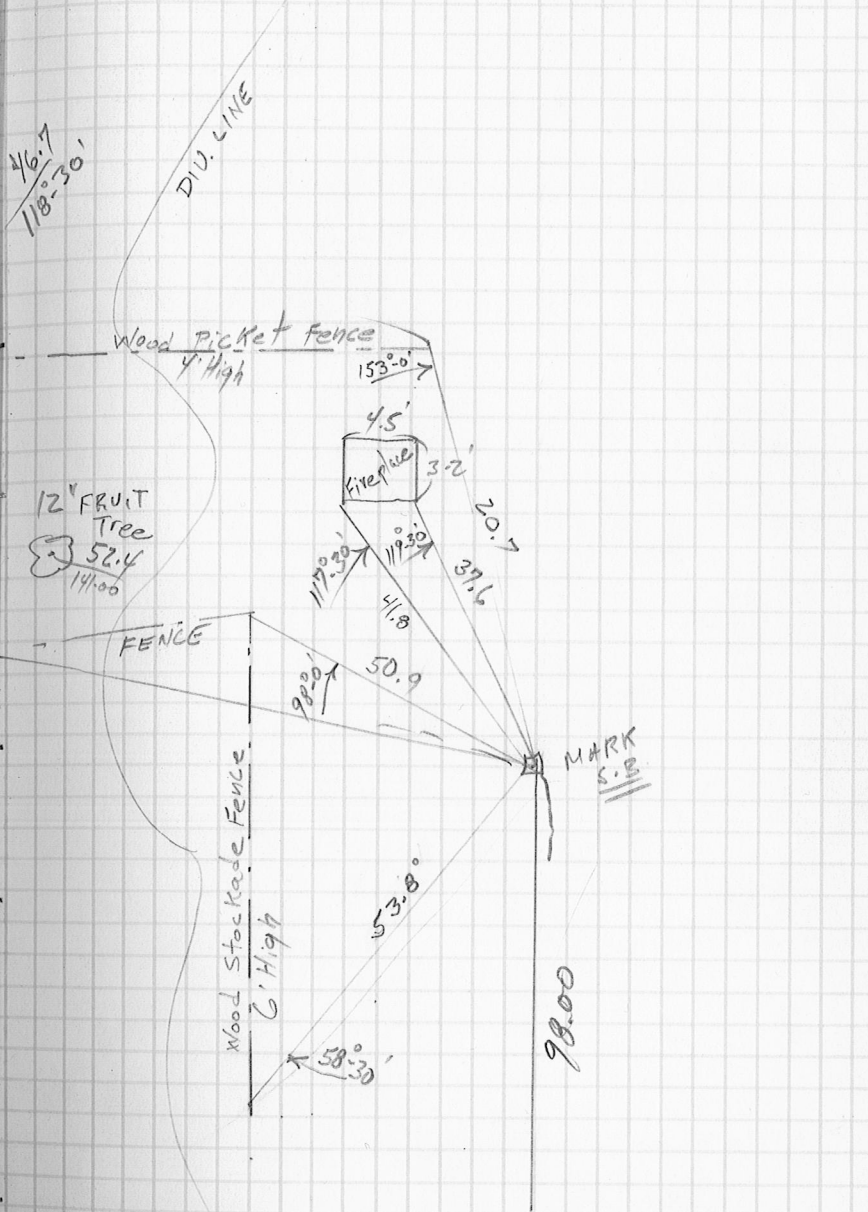
Tape

Wthr & Temp.

Date

10/21/83

Crew



110/328

Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

111

112/328

Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

113

114/328

Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

115

116/328

Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

117

Inst.

Tape

Wthr. & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

1 120/328

Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

121

1 122/328

Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

123

1
124/328
Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

125

1
126/328

Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

127

128/328
Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

129

132

328

Inst.
Tape
Wthr & Temp.
Date
Crew

133

Inst.
Tape
Wthr & Temp.
Date
Crew

132

328

Inst.
Tape
Wthr & Temp.
Date
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133

134/328

Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

135

Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

138/328

Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

139

142/328

Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

143

146/308
Inst. Tape Wthr & Temp. Date Crew

Inst. Tape Wthr & Temp. Date Crew 147

148/328
Inst. Tape Wthr & Temp. Date Crew

Inst. Tape Wthr & Temp. Date Crew 149

152/328

Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

153

154/328

Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

155

156

320

Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

157

158/328
Inst.

Tape

Wthr & Temp.

Date

Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

159

160/328
Inst.

Tape

Wthr & Temp.

Date

Crew