

475



TELEDYNE

410

CROSS SECTION BOOK

2.09
F.B. 475

Property of NORFOLK COUNTY

ENG DEPT

Address REGISTRY OF DEEDS BLD

DEDHAM

Telephone 617-461-6128

This Book is manufactured of a High Grade
50% Rag Paper having a Water Resisting Surface,
and is sewed with Nylon Waterproof Thread.

INDEX

Inst.

Tape

Wthr & Temp.

Date

Crew

475/1

150.05

4.14

154.19 — 14.11

154.19

10.79

143.40

8.84

11.30. Top of Pic

11.20

.10

154.19

11.30

142.89

145.25

142.89

2.36

143.50

4.72

10.70

2 / Spring St. Medfield
 Inst. 475 Tape Wth & Temp. Date Crew

Top of Hyd @ 0.51 163.07 162.56
 Curve St
 Bx 474/144

Water Service
 Top of Pipe 13.4 149.67
 Sta 107+90±

Hub @ 7.20

2.32 155.09 10.30 152.77

Inv 18 11.70 143.39

SPRINT 5.04 150.05

Inv @ CB 13.53 141.56
 Sta 104+05

Dr 10-20 Const.
 Inst. Tape

Wth & Temp.

Date

Crew

3

Aug 1987

Morrissey

1.69

0332

1.50

8

2656

21

145

143.39

1.61

143.39

141.56

1.83

13.53

150.05

7.22

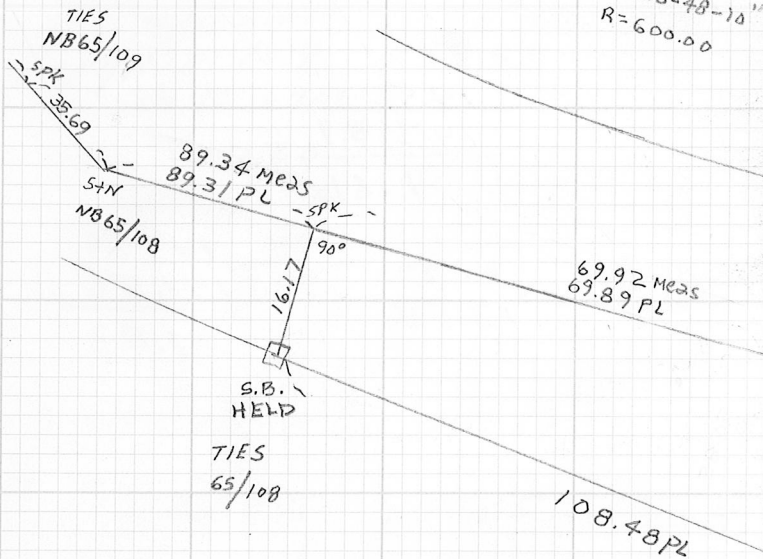
157.27

8.20

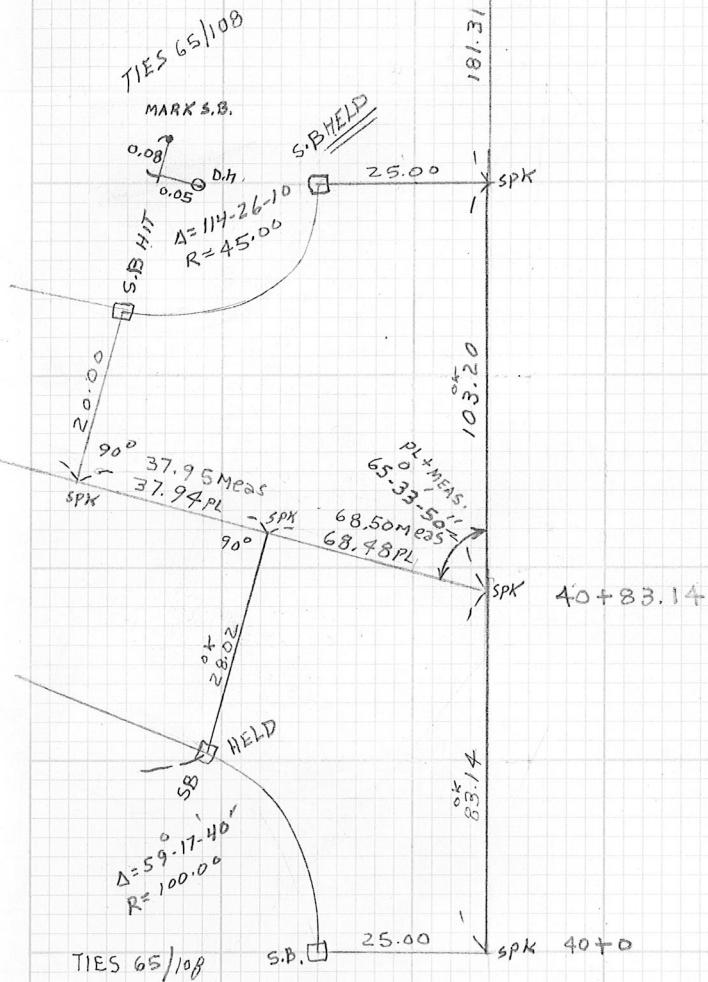
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149.14

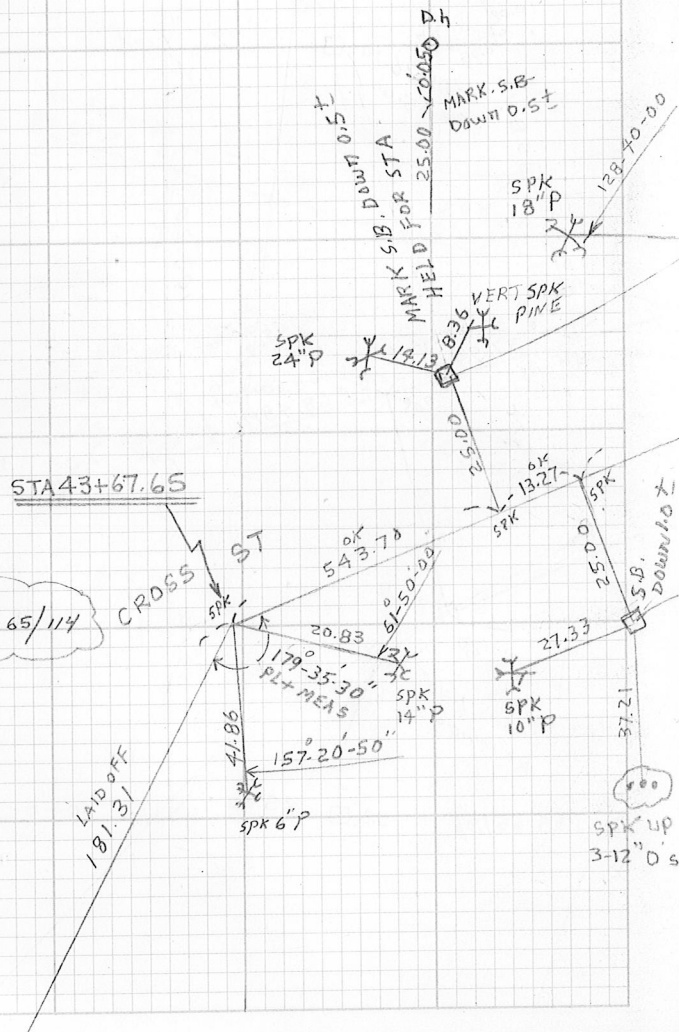
4 SURVEY FOR WATER LINE
 Inst. 475 Tape Wthr & Temp. Date Crew



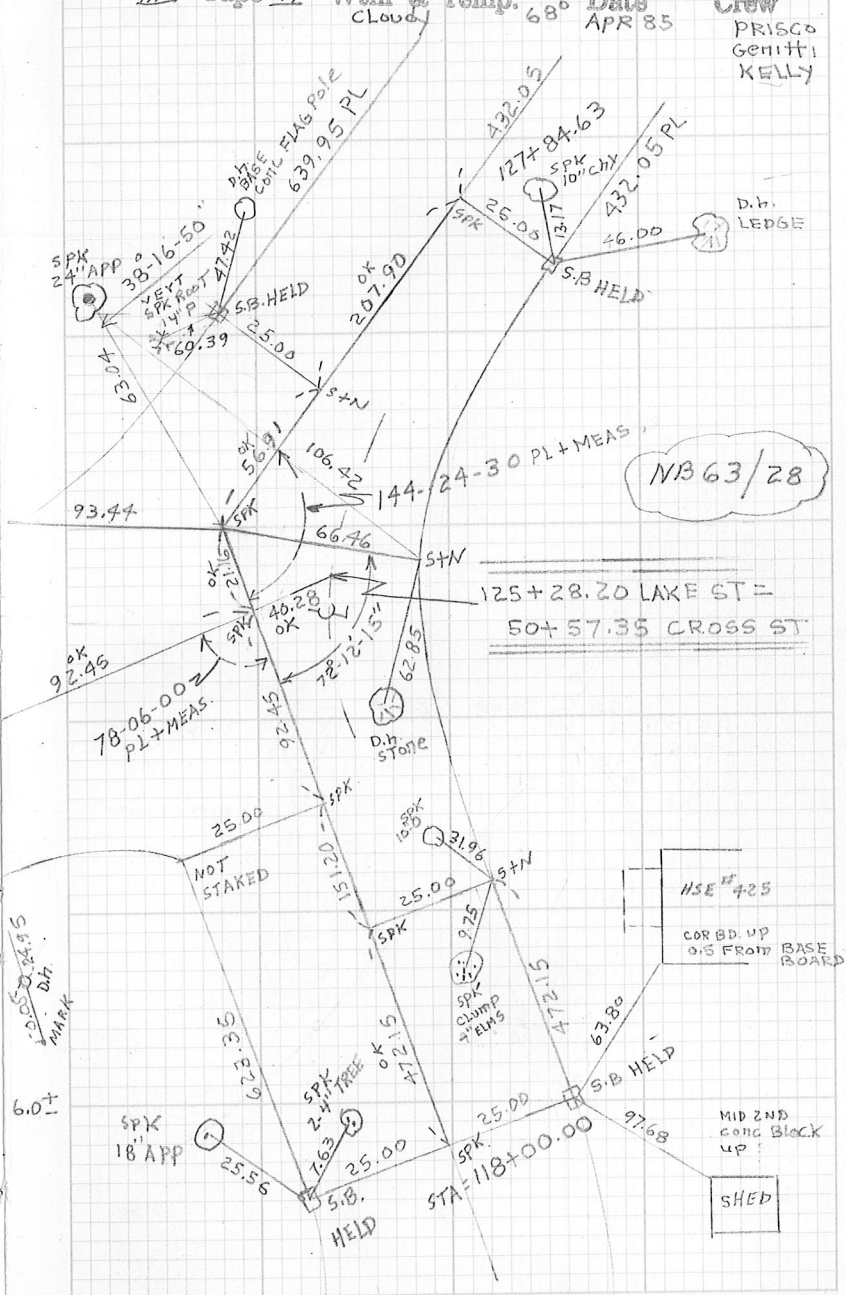
LAKE & CROSS ST BELLINGHAM 536
 Inst. III Tape II Wthr & Temp. Cloudy 68° Date APR 85 Crew PRISCO Genetti KELLY



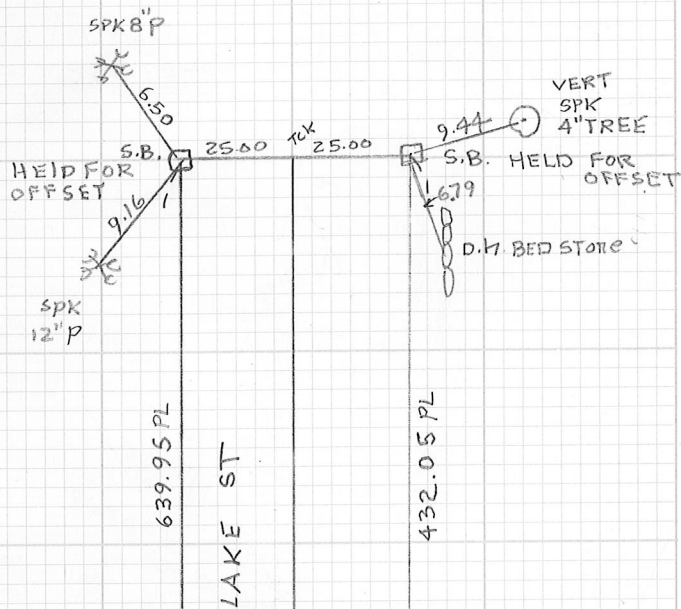
406 SURVEY FOR WATER LINE
Inst. Tape Wdn & Temp. Date Crew
/ 475



LAKE & CROSS ST. BELLINGHAM 7th
Inst. III Tape II Wthr & Temp. 68° Date APR 85 Crew
Cloudy PRISCO
Genitt
KELLY



8 SURVEY FOR WATER LINE
 Inst. 475 Tape Wthr & Temp. Date Crew



LAKE & CROSS ST. BELLINGHAM 9
 Inst. Tape Wthr & Temp. Date Crew

Crew
PRISCO
Geniti
KELLY

50

APRIL 85

Crew

PRISCO
Gentil
KELLY

54 12/ DETAIL CROSS STREET
 Inst. Tape Wthr & Temp. Date Crew
 /475

43+0

9' X 8.5

ST

42+50

8.5 X 8

#6

13

+38.5

CROSS

42+0

9.5 X 9

BELLINGHAM

Inst. Tape Wthr & Temp.
 CLOTH SUNNY 60

Date
 APRIL 85

13 JR
 Crew
 PRISCO
 GENETT
 KELLY

44+50

8 X 8.5

44+0

8.5 X 7.5

+76

13'

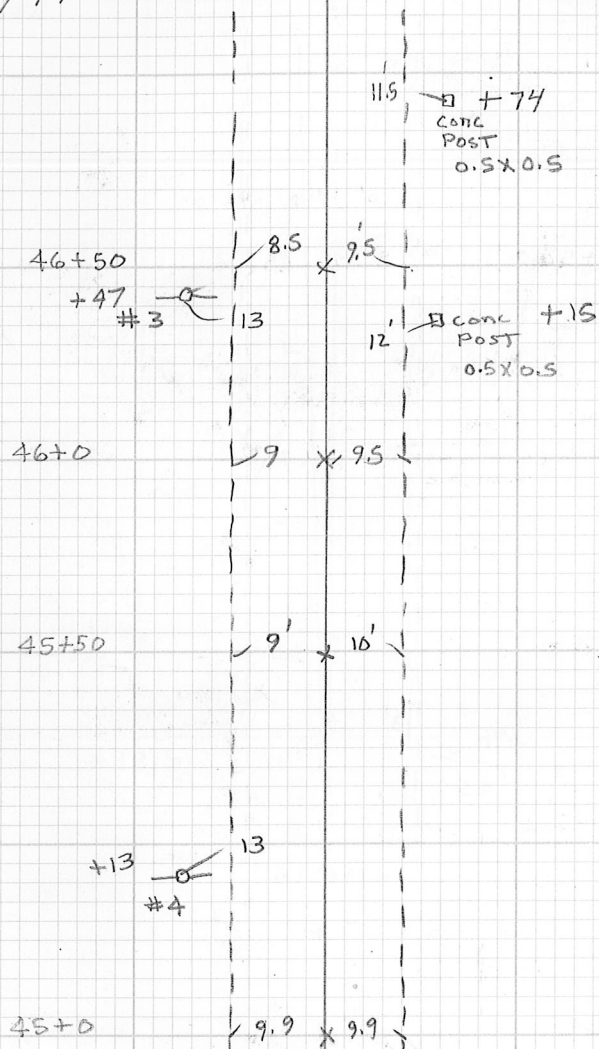
#5

X
 43+67.65

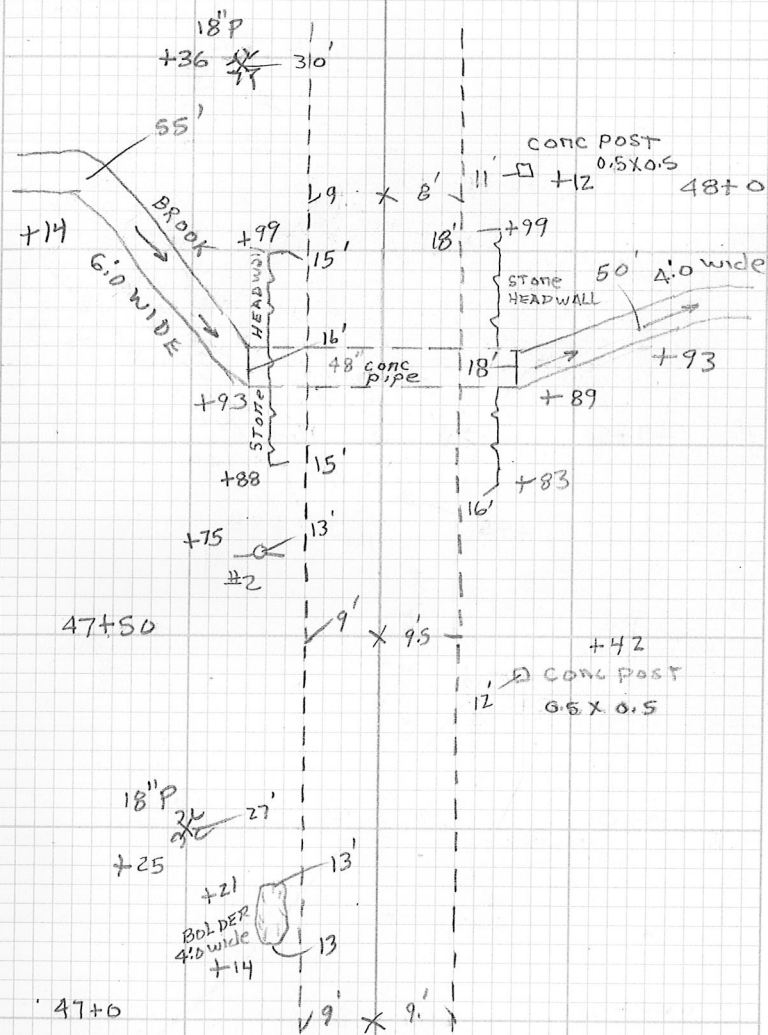
43+50

10' X 8'

14/ DETAIL CROSS STREET
 Inst. Tape Cloth Wthr & Temp. Date Crew
 475



BELLINGHAM 475/15
 Inst. Tape Cloth Wthr & Temp. Date Crew
 Sunny 68° APRIL 25



50.16

DETAIL

CROSS

STREET

BELLINGHAM

475/17

9

500
111
Ly

Inst.

Tape

Wthr & Temp.

Date _____

Crew

Inst.

Tape

Wthr & Temp.

Date _____

Crew

(SEE PG-18)

LAKE

ST

 $49 + 50$

31

17'

19'

749

+45

18

12.5

+38

5

北)

+24

13

5505

 $49 + 0$

3

9.5

 $48 + 50$

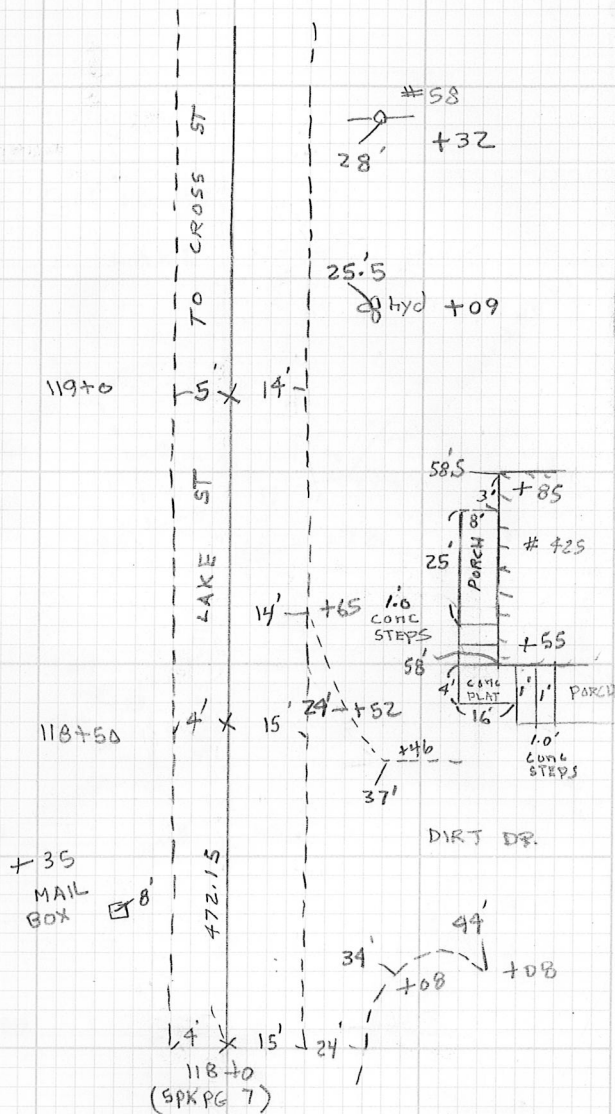
510

0

METAL GAUGE RAIL

18 DETAIL LAKE STREET

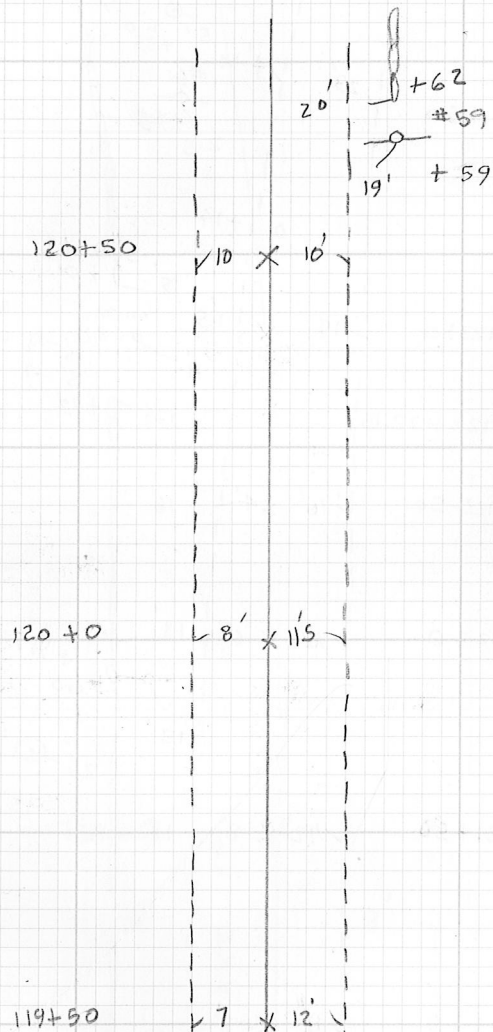
Inst.	Tape	Wthr & Temp.	Date	Crew
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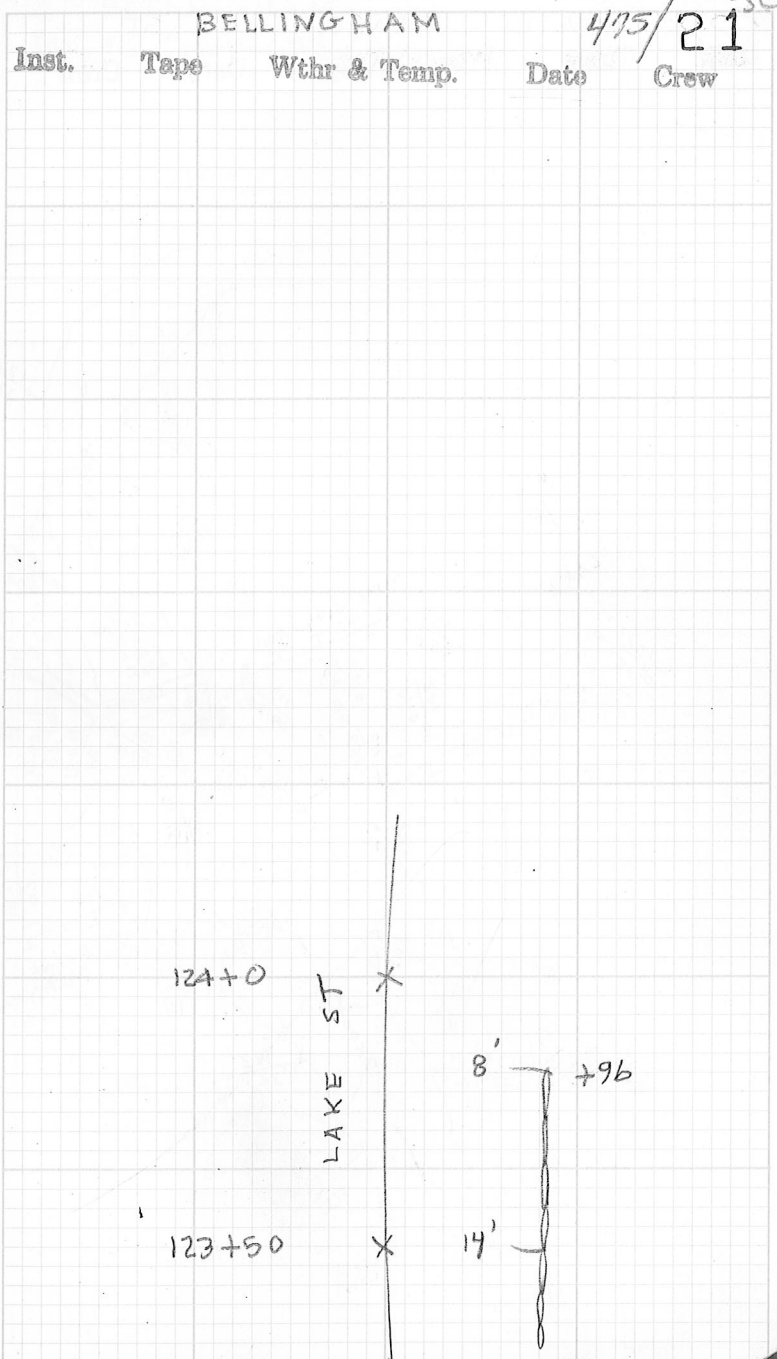
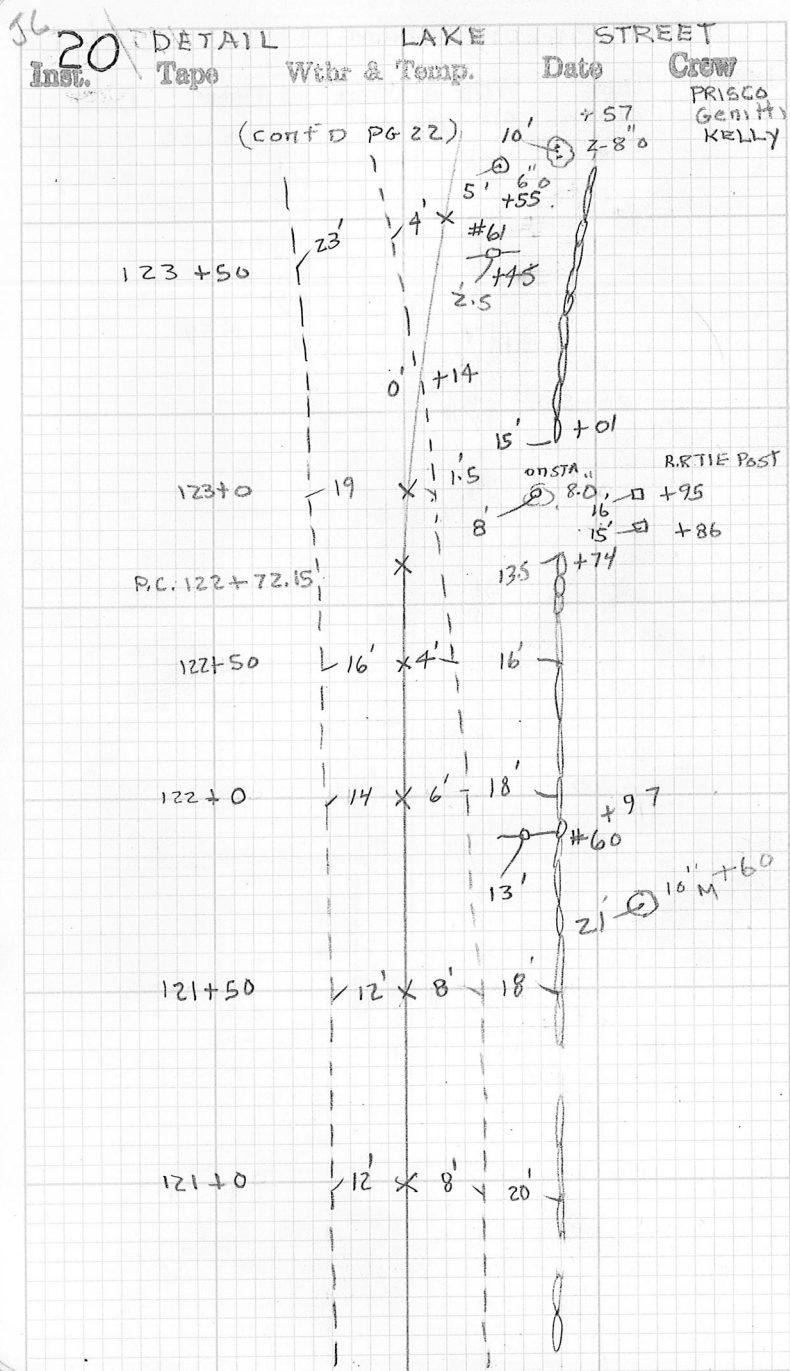


BELLINGHAM

475/19 JC

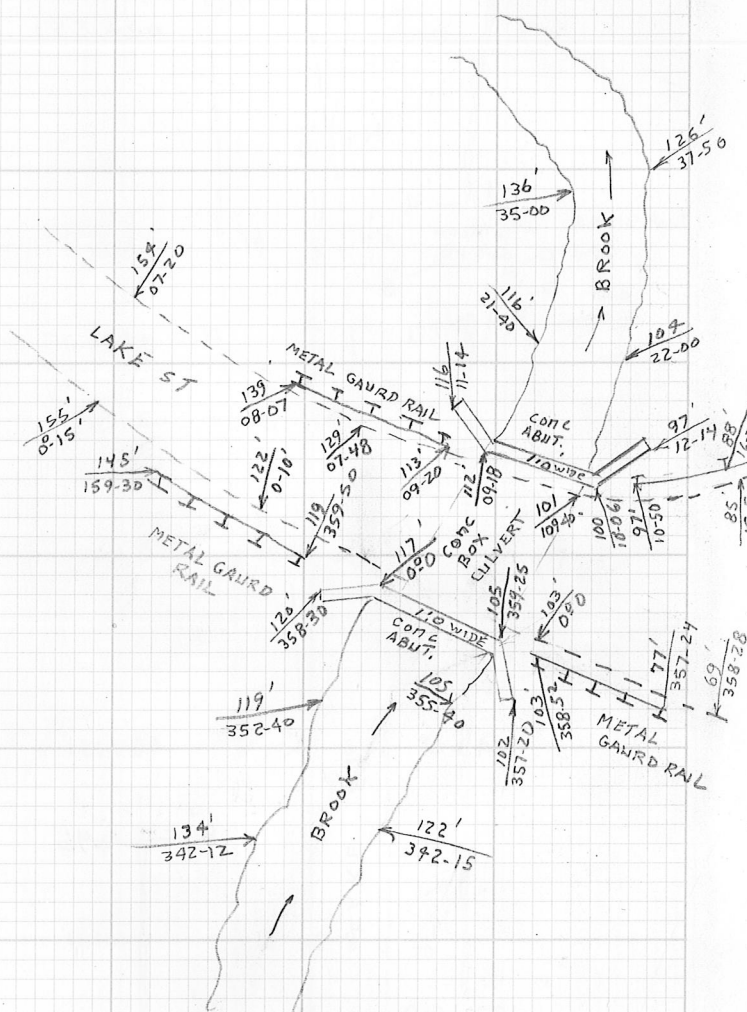
Inst.	Tape	Wthr & Temp.	Date	Crew
	Cloth	cloudy 60°	APRIL 85	PRISCO Genitti KELLY





ST

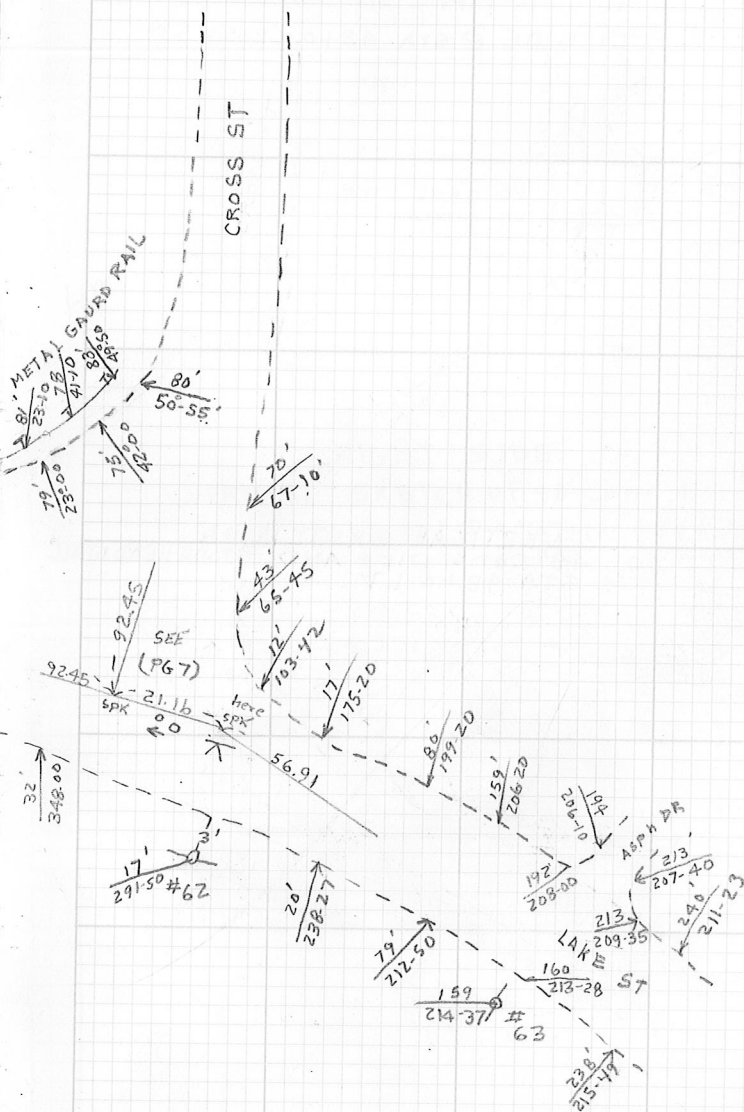
Crew



Inst. #3 Tape Rod Wthr & Temp.
Cloudy 60°

Date
APRIL 85

PRISCO
GENT,
KELLY



Inst.

CROSS

STREET

Tape

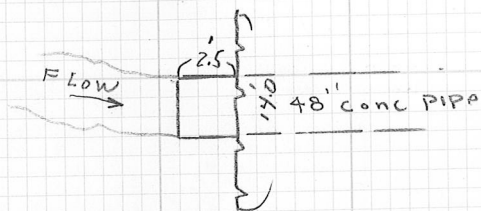
Wehr 2 Fertig

பெரும்பெரும்

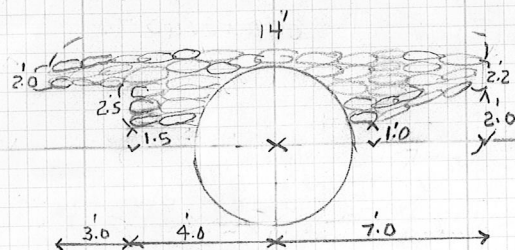
CREW

HORIZONTAL SKETCH

48" CONC PIPE & STONE HEADWALL
LT SIDE @ STA 48+0 CROSS ST



VERTICAL SKETCH
OF 48" CONC PIPE AND STONE HEADWALL
@ STA 48+0 LT.



BELLINGHAM
Inst. Tape Wthr & Temp.

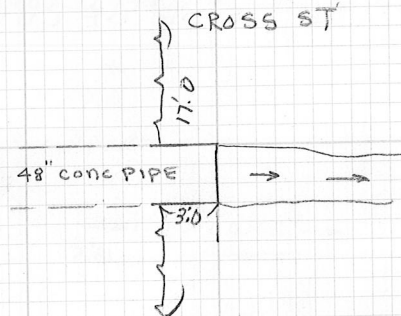
Date _____

/crew

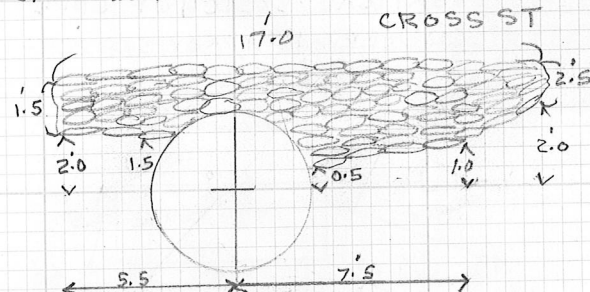
PRISCO
GENITH
KELLY

RIGHT SIDE

HORIZONTAL SKETCH 48" CONC PIPE &
STONE HEADWALL RT SIDE @ STATION 48+0
N CROSS ST



RIGHT SIDE
VERTICAL SKETCH OF 48" CONC PIPE &
STONE HEADWALL @ STATION 48+0 RT

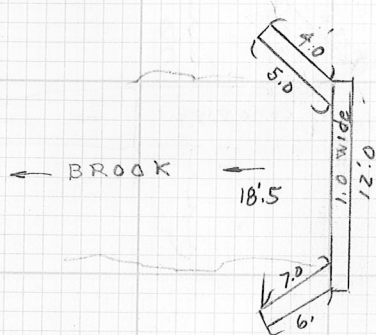


54 26 LAKE

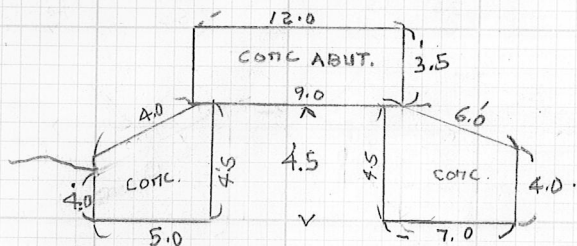
STREET

Inst. Tape Wthr & Temp. Date Crew

HORIZONTAL SKETCH OF CONC. BOX
CULVERT AT STA. APPROX. 124+25 LT
SIDE OF CULVERT LAKE ST.



VERTICAL SKETCH OF CONC. BOX
CULVERT AT APPROX. STA 124+25 LT SIDE
OF CULVERT

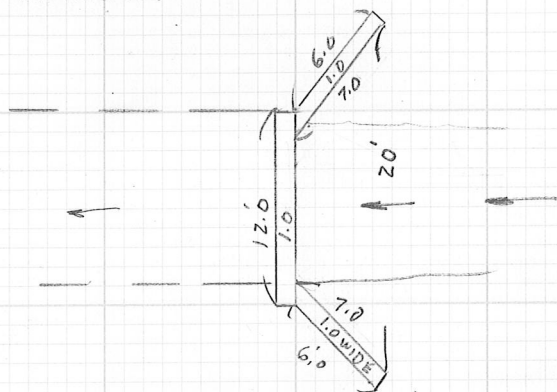


BELLINGHAM

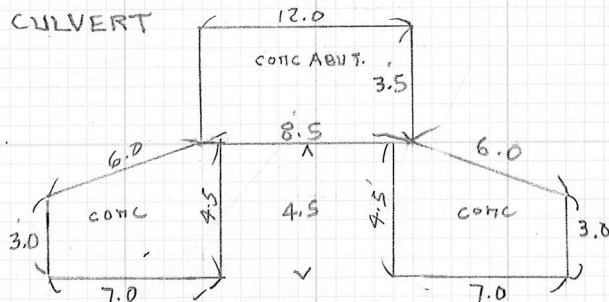
475/2730

Inst. Tape Wthr & Temp. Date Crew

HORIZONTAL SKETCH OF CONC. BOX
CULVERT AT APPROX. 124+25 RT. SIDE OF
CULVERT



VERTICAL SKETCH OF CONC. BOX
CULVERT AT APPROX. 124+25 RT SIDE
OF CULVERT



28/475

Inst.

Tape

Wthr & Temp.

Date

Crew

29

Inst.

Tape

Wthr & Temp.

Date

Crew

30/ ELEVATIONS WATER LINE

Inst. #415 Tape Wthr & Temp. Date Crew

+0.07

231.38

B.M. LOC. BOT

COTTG STEP FRONT
PORCH HSE # 425

ELEV 231.31

118+0

0
4.43
226.95

IN DIRT DR

20
3.7
227.7

118+50

0
4.70
226.68

IN DIRT DR

20
3.7
227.7

119+0

0
5.21
226.17

07
GRASS slope

20
3.0
228.4

119+50

0
5.80
225.58

GRASS

20
4.9
226.5

120+0

0
7.08
224.30

Top BANK

20
5.6
225.8

LAKE STREET BELLINGHAM

31

Inst. #4 Tape cloth Wthr & Temp. sunny 75°

Date APRIL 85

Crew PRISCO
GENT
KELLY

231.38

120+50

0
8.99
222.39

Top
BANK

20
7.3
224.1

on wall + GROUND

121+0

0
11.42
219.96

20
10.0
221.4

+0.06

222.51

-8.93

222.45

T.P. STONE

121+50

0
4.63
217.88

20
5.8
216.7

122+0

0
6.21
216.30

9
5.2
217.3

20
8.1
214.4

RG

32/ ELEVATIONS FOR WATER LINE
 Inst. 475 Tape Wthr & Temp. Date Crew

222.51
 A

122+50

0 9 20
 7.22 6.2 8.4
 215.29 216.3 214.1

EDGE FIELD

123+0

0 9 20
 7.90 8.0 9.9
 214.61 214.5 212.6

EDGE FIELD

123+50

0 7 20
 7.6 9.4 10.6
 214.9 213.1 211.9

+224

218.73
 A — 6.02 216.49
 T.P. Top GAUPE RAIL

124+0

0 20
 7.7 8.6
 211.0 210.1

124+25

TOP CONC ABUT & BROOK
 13' 0 20
 2.53 10.3 10.0
 216.20 208.4 208.7
 & BROOK &
 & Top CONC ABUTEMENT
 RT SIDE OF CULVERT

LAKE STREET BELLINGHAM 33
 Inst. Tape Wthr & Temp. Date Crew

218.73
 A

124+26 LT

&+W. BETWEEN
 CULVERT'S

&+W.
 23 0
 4.59 10.3
 214.14 208.4

@ BROOK
 TOP WLY SIDE
 CONC ABUT

124+27 LT

& Top CONC
 ABUTEMENT
 LT SIDE OF CULVERT

34 0
 2.57 10.3
 216.16 208.4

124+50

FIELD
 20
 7.7 8.4
 211.0 210.3

125+0

FIELD
 20
 6.1 6.6
 212.6 212.1

125+28.20 =

50+57.35 CROSS ST
 5.8 20
 212.9 6.1 212.6
 ON RADIAL LINE

PG
 PG

34/ ELEVATIONS FOR WATER LINE

Inst. 475 Tape Wthr & Temp. Date Crew

218.73

^

125+50

0

6.1

212.6

126+0

0

5.7

213.0

126+50

0

3.3

215.4

127+0

0

1.7

217.0

127+50

0

1.43

217.30

127+84.63

0

0.40

218.33

-2.57 216.16

CHIS FOUND WEST ABUT.
ELEV(216.16) 65/78

LAKE STREET BELLINGHAM 35

Inst. Tape Wthr & Temp. Date Crew

86

36 ELEVATIONS FOR WATER LINE

Inst. 475 Tape Wthr & Temp. Date Crew

230.52

+3.84

B.M. R.R. SPK 18" OAK

STA 40+80 RT 108'
CROSS ST.

ELEV 226.68

NB 65/79

(ALL 0 SHOTS)

ETW

10'

11.13

~~208.26~~

219.39

Q.T.W.

0

10.45

220.07

ETW

10'

6.62

223.90

0

6.21

224.31

W.G.

4.5

5.02

225.60

0

4.90

225.60

225.56

W.G.

27

5.17

225.35

0

4.71

225.81

CROSS ST. BELLINGHAM

Inst. 4 Tape 60 Wthr & Temp. Date MAY 85

230.52

ETW

10'

3.58

226.94

0

3.34

227.18

ETW

10'

0.77

229.75

0

0.69

229.83

+11.01

240.63

-0.90

229.62

T.P. Stone

ETW

10'

7.64

232.99

0

7.30

233.33

ETW

10'

3.66

236.97

0

3.60

237.03

RG

38 ELEVATIONS FOR WATER LINE

Inst. 475 Tape Wthr & Temp. Date Crew

240.63✓
X

43+0

ETW
10
0.89
239.74

0
0.54
240.09

+1.22

241.63✓
X

-0.22 240.41
T.P. STONE

TOP HILL
43+50

ETW
10
0.56
241.07

0
0.38
241.25

44+0

ETW
8.5
1.82
239.81

0
1.67
239.96

44+50

ETW
8.5
4.82
236.81

0
4.74
236.89

CROSS ST BELLING HAM

39

Inst. 4 Tape cloth Wthr & Temp.
P.C. 60

Date
MAY 85

Crew
PRISCO
Genitt
KELLY

241.63✓
X

45+0

ETW
8.5
9.63
232.00

0
9.45
232.18

+0.04

230.57✓
X

-11.10

230.53

T.P. Stone

45+50

ETW
9
2.92
227.65

0
2.62
227.95

46+0

ETW
9
6.59
223.98

0
6.30
224.27

46+50

ETW
9
10.04
220.53

0
9.66
220.91

RR✓

40/ ELEVATIONS FOR WATER LINE

Inst. #475 Tape Wthr & Temp. Date Crew

230.57[✓]
 $\wedge$

+0.13

219.96[✓]
 $\wedge$

-10.74 219.83

T.P. STONE

47+0

ETW
 $\frac{9}{2.24}$

$\frac{0}{1.85}$

217.72

218.11

47+50

ETW
 $\frac{9}{4.37}$

$\frac{0}{4.24}$

215.59

215.72

47+89 RT

INV 48" CONC

PIPE (SEE PG 41)

47+93 LT

INV 48" CONC

PIPE (SEE PG 41)

CROSS ST BELLINGHAM 41

Inst. #4 Tape CLOT Wthr & Temp. Date MAY 85 Crew

219.96[✓]
 $\wedge$

48+0

ETW
 $\frac{9}{6.34}$

213.62

$\frac{0}{5.80}$

214.16

+203

218.72[✓]
 $\wedge$

-3.27 216.69

T.P. CONC POST

47+89 RT

INV 48" CONC

PIPE

$\frac{0}{4.22}$
 214.50

INV 48"
 $\frac{18}{10.98}$
 207.74

47+93 LT

INV 48" CONC

PIPE

INV 48"

$\frac{16}{11.06}$
 207.66

$\frac{0}{4.34}$
 214.38

48+50

ETW
 $\frac{9.5}{5.49}$
 213.23

$\frac{0}{4.99}$
 213.73

RB[✓]

5642 ELEVATIONS FOR WATER LINE
 Inst. Tape CROSS ST. BELLINGHAM
 4 Cloth P.C. 60° Date MAY 85 Crew
 PRISCO
 GENITH
 KELLY

218.72 ✓
 ^

49+0

ETW
 9
 5.26
 213.46
 0
 5.26
 213.46

49+50

ETW
 8
 5.20
 213.52
 0
 5.09
 213.63

50-

on Pipe
 6
 5.36
 213.36
 0
 5.36
 213.36

50+57.07

0
 5.07
 213.65

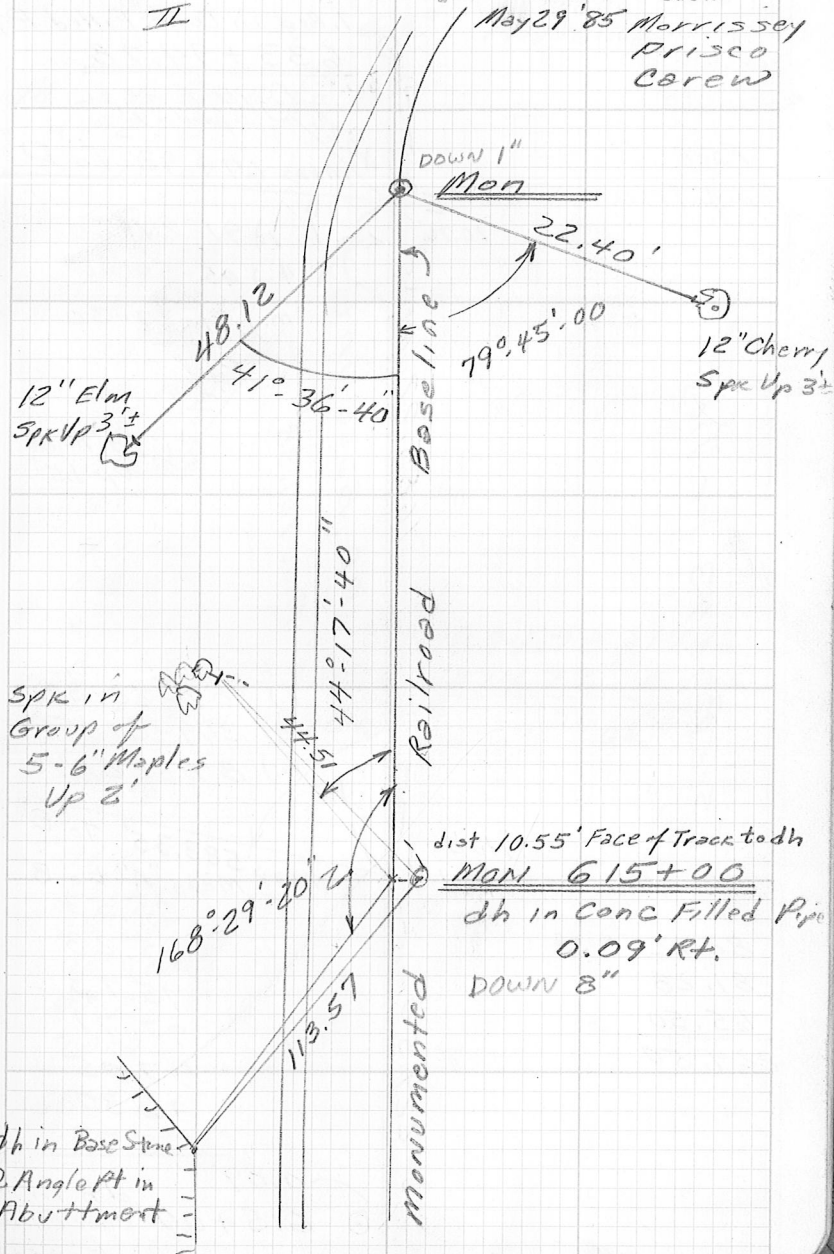
✓
 -2.56 216.16 ✓

CHIS S9 WEST
 ABUT OF CUIVERT LAKE ST
 STA 124+33 LT 35.0

(ELEV 216.16)
 NB 65/79

RB

TIES to Man on RR in Medfield 43
 between Curve St & Main St.
 Inst. Tape Wthr & Temp. Date Crew
 II May 29 '85 Morrissey
 PRISCO
 CREW



54 44 Survey -- Pleasant St.

Inst. Tape Wthr & Temp. Date Crew

1. Rod in Conc Filled Pipe

633 + 94.78

18" Pine
Spr 4 p 1

40.22 Meas 674.92 To "D"

1.) 91-27-20

4.) 05-50-00

m.) 91-27-30

49.17

18" Pine
Up 1.5'

Meas 781.38'

1.) 87°-22'-30"

4.) 349-30-50

m.) 87°-22'-42"

583.35' To "B"

Meas "A" to "B"

35.53

95.23

95.73

97.71

97.05

86.37

75.73

0.09'

dh in
conc Filled
Pipe

Medfield

475/45 SC

Inst. Tape Wthr & Temp. Date Crew

Fair 68° May 29, 1985 Morrissey

Prisco

Carew

Meas 615+00 to "A"

82.72

81.28

65.50

229.50

"A" to 633 + 94.78

88.38

88.13

83.61

83.33

81.70

79.02

82.27

67.58

73.88

96.44

94.72

94.56

93.64

91.95

89.58

99.08

95.56

91.27

90.52

1665.22

1894.78 Plan

53.48 1894.72 Meas

42.96 ↑ sta E .06 OK

Face of
Top of Track

See Page 43 for Ties

82.72

81.28

65.50

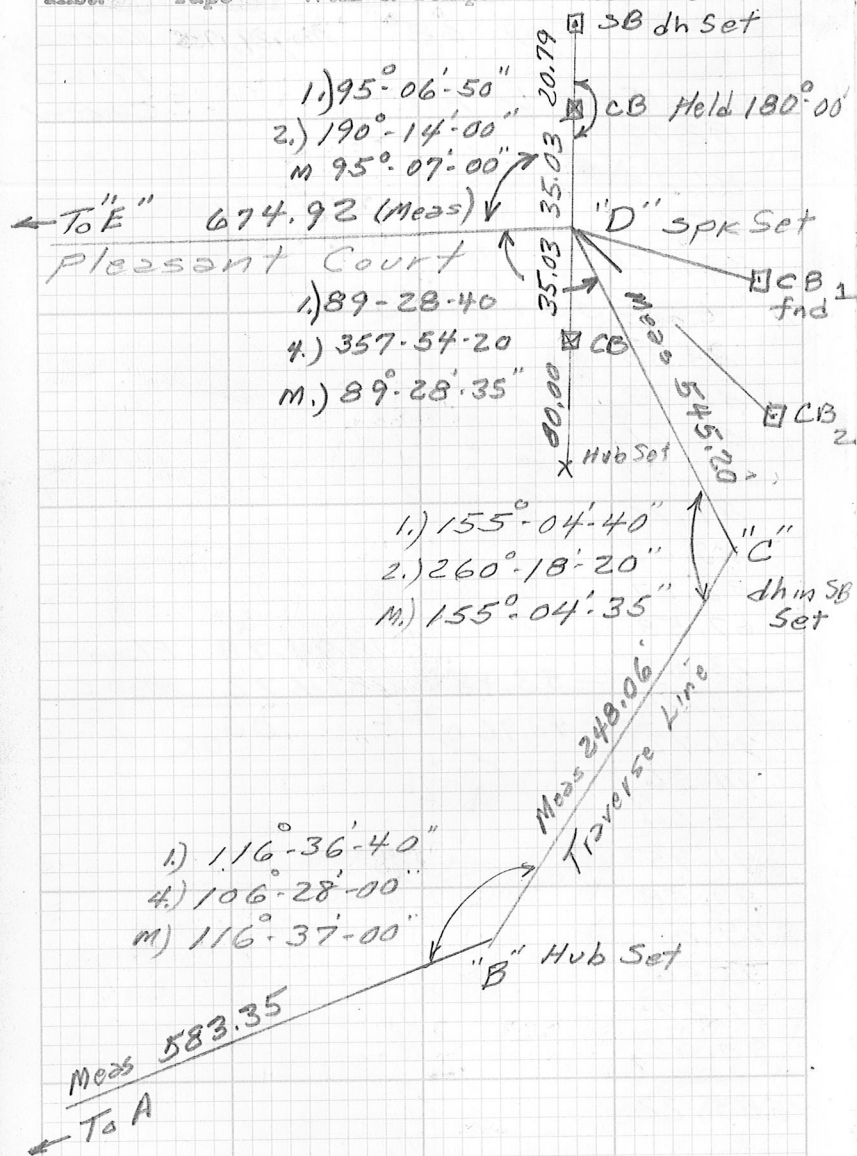
229.50

229.50 Meas

Hub "A"
set

56 46 Survey Pleasant St.

Inst. Tape Wthr & Temp. Date Crew



Medfield

475/47⁵⁰

Inst. Tape Wthr & Temp. Date Crew

Fair 68° May 30, 85

Meas "D" to "C"

91.12
91.35
94.45
94.81
83.66
89.81

Meas "C" to "B"

62.95
55.97
41.79
87.35

Conc Bd₁ to "D"
39.80

"Conc Bd₂" to "D"

50.88
67.04
117.92

Meas "D" to E

90.71
83.41
68.87
73.30
90.86
87.85
99.38
80.54

Set @ Sta "D" 0°-0' on E Ks Left

To CB₁ 1) 172-07-40
2) 344-15-20
m) 172-07-40

To CB₂ 1) 104-52-10
2) 209-45-00
m) 104-52-30

48 Survey -- Pleasant St.

Inst. Tape Wthr & Temp. Date Crew

CB
Fnd. -

Property Cor
Hub Set

Hub
Set

Hub
Set

Hub
Set

Hub
Set

Hub
Set

A "B" Hub

60.00

95.00

100.00

100.00

100.00

74.00

ST

PLEASANT

Sideline

Traverse Line

Traverse Line

60.83

91° 03' 10"

180° 12' 10"

Medfield

475/49^{3C}

Inst. Tape Wthr & Temp. Date Crew

Fair 68° May 31 '85 Morrissey
Crew

CF

Tie

1.) 91-03-10

2.) 182-06-20

m.) 91-03-10

Meas "C" to SB,

64.48

57.52

122.00

METACOMET

90.14

160° 25' 20"

CF

dh in SB,

144.09

1.) 160-25-20

2.) 320-50-40

m.) 160-25-20

ST

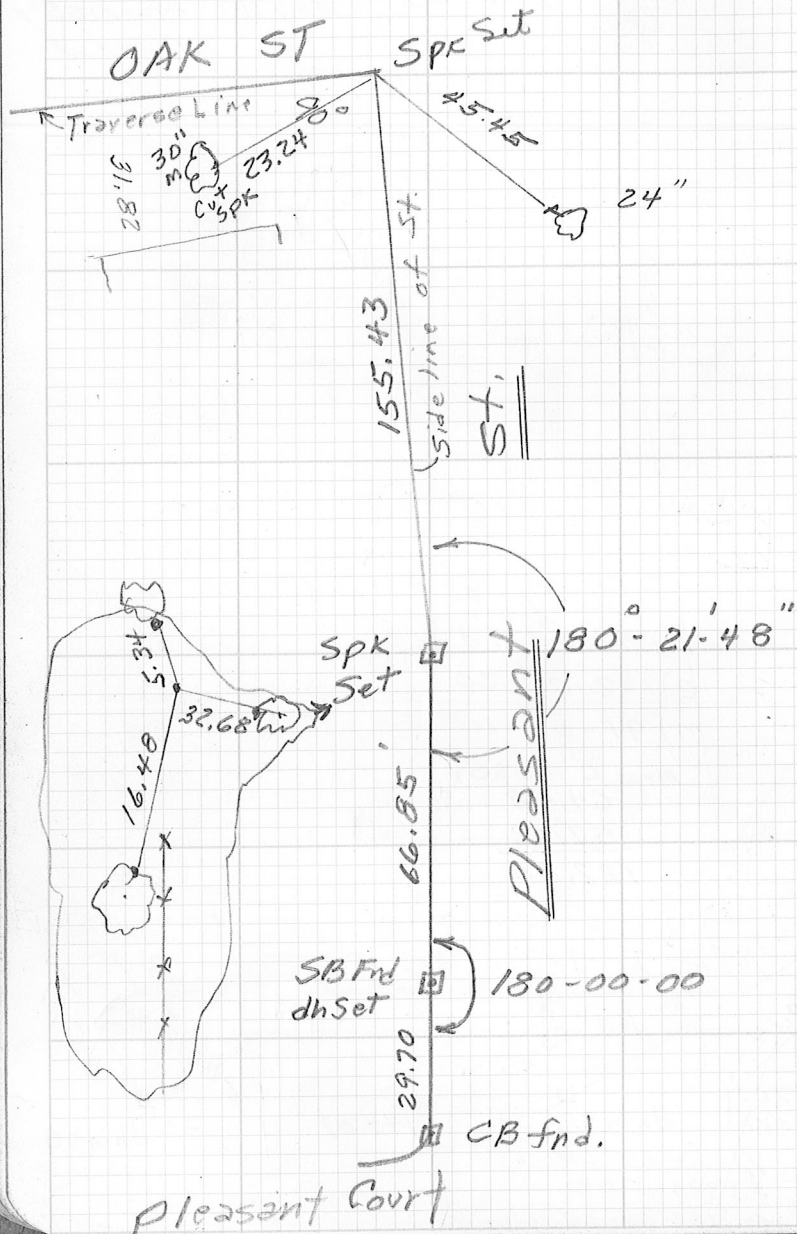
119° 17' 30"

45.71

dh in SB

50 Survey--Pleasant St.

Inst.	Tape	Wthr & Temp.	Date	Crew



Medfield

475/51³⁶

Inst.	Tape	Wthr & Temp.	Date	Crew
		Fair 68°	May 31, '85	Morrissey Carew

52/475

Inst.

Tape

Wthr & Temp.

Date

Crew

To "A" @ R.R.

"Hvb"

B

1.) 149-21-40

2.) 298-43-30

m.) 149-21-45

Meas B" to B₁

79.02

78.85

77.61

68.26

303.74

B₁

dist B₁ to CB

49.77

90.10

139.87

PLEASANT

1.) 175-52-10

2.) 351-44-20

m.) 175-52-10

P.C. East

CB

CURVE ST

Inst.

Tape

Wthr & Temp.

Date

Crew

53

54 Pleasant St. Medfield
 Inst. Tape Wthr & Temp. Date June 13, 85 Crew Morrison
 Grades for Prop. Sidewalk

CHK'D BY G.C.

TBM

Rim of CB 5.16 $\frac{105.16}{\text{A}}$ 100.00
 (Elev. Assumed)
 100.00

Sta	RR	Elev	P. Elev	Cut
Spk @ Lot Cor.				F. 11
0+0	4.63	100.53	101.30	0.77
0+25	3.84	101.32	101.20	Cut, 12
0+50	3.85	101.31	101.10	Cut, 21
0+75	3.73	101.43	101.00	Cut, 43
1+0	3.49	101.67	100.90	Cut, 77
1+25	3.69	101.47	100.77	Cut, 70, 78
1+50	3.75	101.41	100.65	Cut, 76
1+53.43	5.05	100.11	100.00	
Top Sp. Hyd @ Int.			1.67	103.49

475/55
 Inst. Tape Wthr & Temp. Date Crew

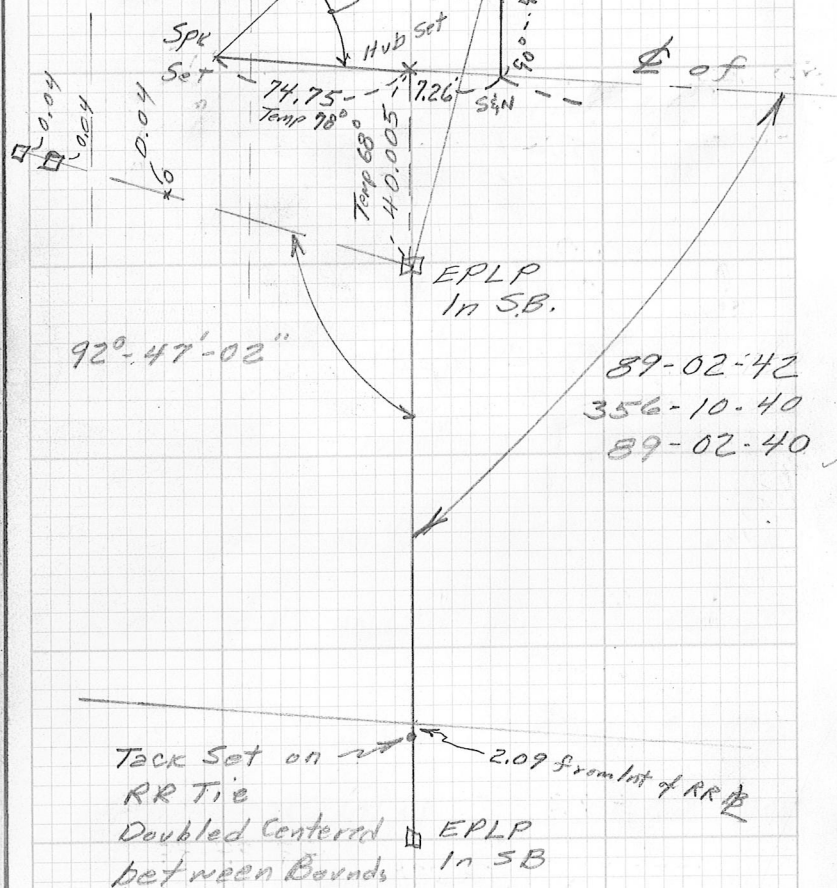
8'	5.64	
	5.59	5.60
25	5.40	5.48
	5.31	5.35
	5.24	5.25
	5.08	5.15
	5.02	5.05
	5.12	opp Spk

Property Line Survey

Inst. 56 Tape 475 Wthr & Temp. Date Crew

1st 83-33-10
4th 334-13-00
Hold 83-33-20

SB fnd
Not in Correct
Location



Medfield Transfer Station

Inst. 57 Tape Wthr & Temp. Date Crew

Morrissey
Crew
5.7

95.40 97.98
94.98 98.63
190.38 Temp 83 99.02
278.03 295.63 Temp 86°
(87.65) 87.65 348.13
52.50

80 FT. EASEMENT

278.00 17.313 348.09 Spk Set for Sight

13.00 x
27.01 x

40.02

VOID
SEE PAGE 63

to SB Near RR

28.34
9.44
8.37
11.55
12.46
10.56
11.08
16.93

108.73

108.20

.53 Stk Set
165 @ Sta
15 73+67.4

0.12

83-29-35

333-58-35

58/495
Inst. Tape

Wthr & Temp.

Date _____

Crew

Property Line Survey Medfield
"TRANSFER STATION"

$$\begin{array}{r} 98.75 \\ 97.31 \\ \hline 196.06 \\ 278.00 \\ 81.94 \\ \hline 52.77 \end{array}$$

Note: ALL POINTS
Restaked Sept 26, 85

See Page 63 for
Proper location of
STONE BOUND @ Lot Cor.

CR1-1
Disk Set
Oct 18, 1985
S&N Reset
Hub Set
TIES 76
see pg 278.00
DJM
Reset 11/21/86

✓ 2 of 80' wide
278.00

~~Set~~ EPL P in Stone Bd Over 0.44'
Set 59N at True Location
of Corner

Inst.

Tape

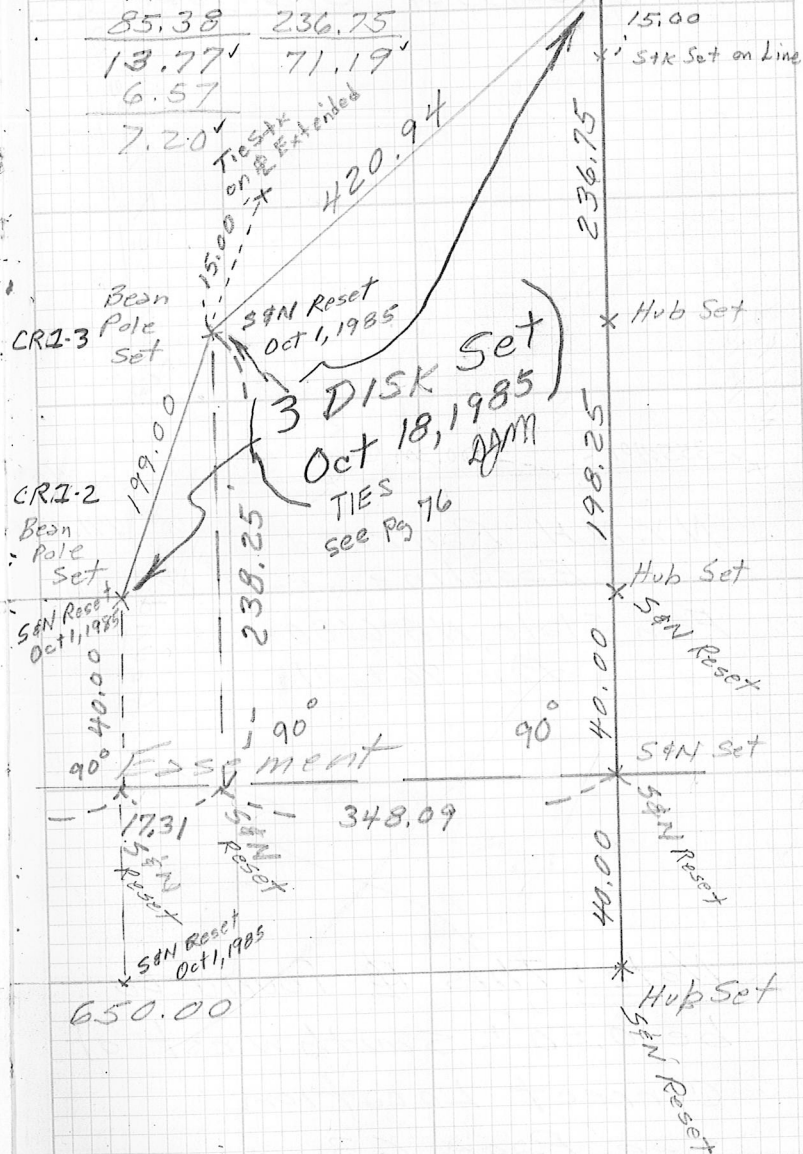
Wthr & Temp.

Date _____

Crew

198.25	83.70
<u>99.10</u>	<u>81.86</u>
99.15 ✓	145.56
<u>85.38</u>	<u>236.75</u>
13.77 ✓	71.19 ✓
<u>6.57</u>	
7.20 ✓	

Sept 23, 85 Morrissey
CRZ-4 Carew
Lub Set x. Sly



60/475
Inst. Tape

Inst.

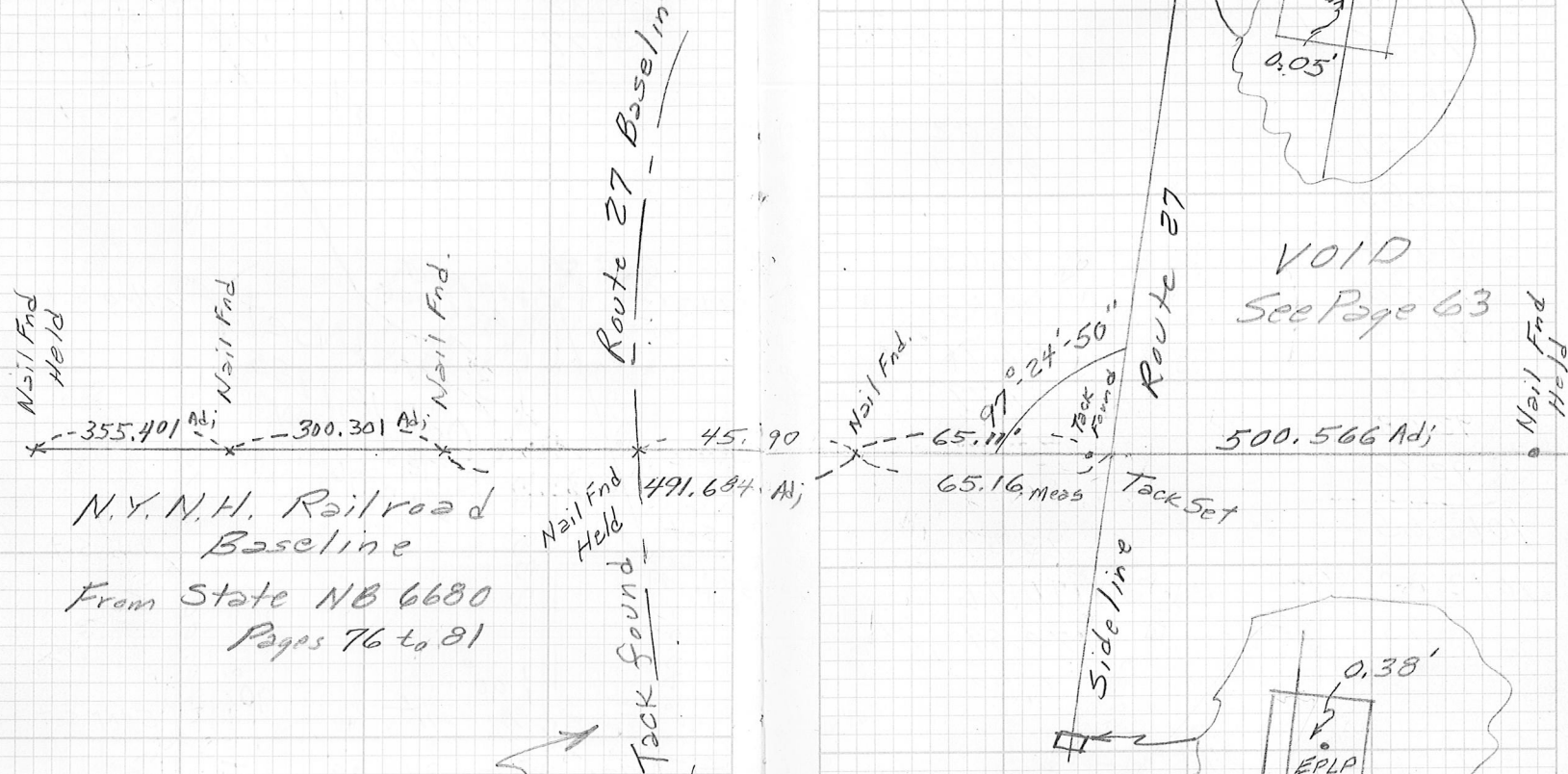
Тако

Wthr & Temp.

Date: _____

Crew

Proport Line Survey Medfield
@ Transfer Station



Note: This ~~is~~ found to be $0.50' \pm$ South West of Correct Location
See Page 63

61

Inst.

Tape

Wthr & Temp.

Rainy

70

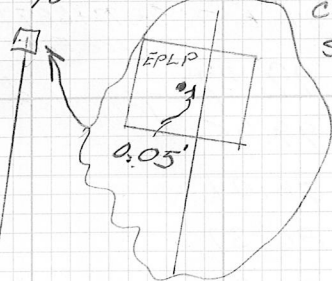
Date: 4/24

Sept 24, 85

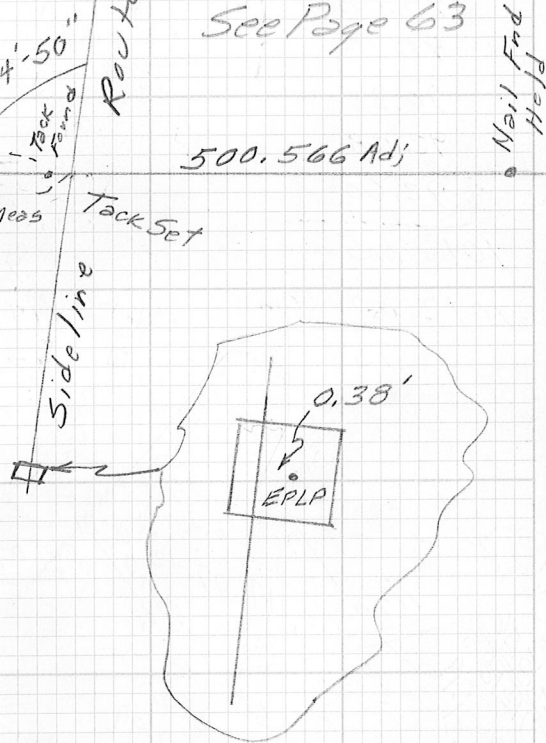
Crew
M

Carew

51y



VOID
See Page 63



64/ Check of Loc of Pipe
Inst. 4/95 Tape Wthr & Temp. Date Crew

π Set @ CR1-3 0°-0' in CR1-4
* Rt to CR1-2
129-13-30
156-54-20
129-13-35

π Set @ CR-1-3 0°-0' in CR1-4
* Rt to S & N at E of Easement
124-13-40
136-54-40
124-13-40

π Set at CR1-4 0°-0' in CR1-3
* Left to Lot Cor Hub @ Easement
55-46-00
223-04-50
55-46-12.5

Bounds
Inst. Tape Wthr & Temp. Date Crew

Oct, 1985

65

Reset CR-4

96.72

82.78

61.48

96.87

98.49

436.34' Temp 53
.04

436.30'

515.00

78.70'

Rear Property Line

236.75

198.25

435.00'

80.00

515.00'

Meas
CR3-CR4
T=53°

π Set @ CR-4 0°-0' in CR-3
* Left to Rear Lot Cor.

1st 55-46-30

223-06-00

55-46-30

92.97

68.00

84.26

83.41

92.34

420.98'

.04

420.94'

66/ Levels -- Route 27 - TRANSFER STATION

Inst. 475 Tape Wthr & Temp. Date Crew

Inst. Tape Wthr & Temp. Date Crew

67

Sta & Offset + H.I. - ELV. ADJ.

REMARKS

CR1-4 11.900 139.93 128.03

TP, RRSPK 3.000 139.50 3.430 136.50

TP, RRSPK 2.09 134.64 6.95 132.55

TP, RRSPK 4.16 132.24 6.56 128.08

TP, RRSPK 5.13 132.50 4.87 127.37

TP, RRSPK
Opp Mile Mark 3.69 131.21 4.98 127.52

TP, RRSPK 4.57 130.64 5.14 126.07

Hospital Rd TP, RRSPK 3.83 128.84 5.63 125.01

TP, RRSPK 4.95 128.71 5.08 123.76

TP, RRSPK 6.73 133.23 2.21 126.50

TBM 2276 4.83 128.40

(128.28)

See above TP, RRSPK 5.15 141.65 136.50

Cor of RTIC 5.68 135.97

(135.97) ✓ CTR 1/21/86

Note: Minus 0.12
to All Elevations.
HOLD TBM # 2276
Elev 128.28

68/475

Inst. Tape Wthr & Temp. Date Crew

Run Between Bench Marks

TBM #2279 2.31 $\frac{169.08}{\wedge}$ 166.77'169' North of
Dale St.TP RR Spk 1.82 $\frac{162.48}{\wedge}$ 8.42 160.66'T.P. RR Spk 2.75 $\frac{157.08}{\wedge}$ 8.15 154.33'TP SW Bolt
Base of Sig. 0.42 $\frac{152.05}{\wedge}$ 5.45 151.63'
on S.W. Cor of
West St.Tp RR Spk 3.10 $\frac{150.11}{\wedge}$ 5.04 147.01'

TBM 35P

9.44 140.67'

(140.80)

Hold New Elevation

9.44	989	9.35	160.03
3.08	3.55	3.01	5.695
6.36	6.34	6.34	154.335

✓ CTR 1/21/86

69

Inst. Tape Wthr & Temp. Date Crew

Check Run

TBM 35P 9.35 $\frac{150.02}{\wedge}$ New Elev
140.67TP RR Spk 5.14 $\frac{152.15}{\wedge}$ 3.01 147.01'SN Bolt @ West St. 5.12 $\frac{156.75}{\wedge}$ 0.52 151.63'TP RR Spk 7.05 $\frac{150.03}{\wedge}$ 3.77 152.98'TP RR Spk 8.285 $\frac{166.10}{\wedge}$ 2.215 157.815'TP RR Spk 6.685 $\frac{169.805}{\wedge}$ 2.98 163.12'TBM #2279
169' North of
Dale St.3.045 166.760'
(166.77) OK

✓ CTR 1/21/86

70/495
 Inst. Tape Wthr & Temp. Date Crew
 Level Run BM 35P thru CR-1 & CR-2, & CR-3
 BM 35P 8.045 $\frac{148.715}{\wedge}$ New Elev 140.67

Sta 99+00±
 C-15 6.370 $\frac{145.090}{\wedge}$ 9.995 138.720
 □ Sg @ Fence

Int @ West St.
 Top of SB. 3.000 $\frac{145.090}{\wedge}$ 3.000 142.090
 C-14

T.P. 10.745 $\frac{155.625}{\wedge}$ 0.210 144.880

T.P. 4.550 $\frac{159.915}{\wedge}$ 0.630 154.995

T.P. (Top of Hyd) 0.105 $\frac{151.790}{\wedge}$ 7.860 151.685

TP 0.410 $\frac{141.555}{\wedge}$ 10.645 141.145

CR1-1 2.170 $\frac{138.205}{\wedge}$ 5.520 136.035

CR1-2 +8.540 $\frac{134.940}{\wedge}$ 11.805 126.400

CR1-3 8.440 $\frac{135.200}{\wedge}$ 8.180 126.760

CR1-4 11.900 $\frac{139.800}{\wedge}$ 7.300 127.900

T.P. 5.150 $\frac{141.520}{\wedge}$ 3.430 136.370

T.P. 5.490 $\frac{141.33}{\wedge}$ 5.680 135.840

T.P. (NE Bolt) 6.570 $\frac{144.84}{\wedge}$ 3.060 138.270

BM 35P VCTR 1/21/86 4.180 140.660
 (140.67)

71
 Inst. Tape Wthr & Temp. Date Crew
 CR1-2, & CR1-3
 Former Elev 140.80 (See Bench Book)

State Plan 138.91

State Plan 142.12

CR1-1 Elev rerun on Disc
 Apr 3, 1986 - See Page 102

CR1-2 Note Bound Reset Dec 9, 1985
 See Page 77 For

CR1-3 New Elevation

CR1-4

S.W. Side of RR & West Mill St.
 Bolt In Base RR. Signal Light Bolt Nearest Track

Disc In Conc. Bound

72/475

Inst.	Tape	Wthr & Temp.	Date	Crew
CR1-4	7.89	$\frac{135.79}{\lambda}$		127.900

TP Tack on Rte 27	1.45	$\frac{134.24}{\lambda}$	3.00	132.79 [✓]
-------------------	------	--------------------------	------	---------------------

T.P. on Rail	1.90	$\frac{131.46}{\lambda}$	4.68	129.56 [✓]
--------------	------	--------------------------	------	---------------------

TBM Spc In Trs	11.15	$\frac{131.32}{\lambda}$	11.29	120.17 [✓]
BM C-21				

See State Highway Layout

T.P. @ CB	10.85	$\frac{139.36}{\lambda}$	2.81	128.51 [✓]
-----------	-------	--------------------------	------	---------------------

CR1-1			3.30	136.06 [✓]
				(136.035)

✓ CTR 1/21/86

73

Inst.	Tape	Wthr & Temp.	Date	Crew
-------	------	--------------	------	------

(Page 71)

HI 135.79	CR1-4	127.90
- 9.025	+	7.89
126.765	CR1-3	135.79 [✓] H.I
		- 3.00
		132.79 [✓] Tack @ Rte 27

CR1-1	136.035
	+ 5.590
	141.625 [✓] H.I
	- 8.83
	132.795 [✓] Tack @ Rte 27
	+ 2.09
	134.885 [✓] H.I
	- 5.33
	129.555 [✓] TP on Rail
	+ 2.13

131.695	HI
- 3.16	
128.535 [✓]	TP
+ 9.51	
138.045	HI
- 1.96	
136.085 [✓]	
138.045	HI
8.45	
129.595	Rail
(129.595)	

74/475
Inst. Tape Wthr & Temp. Date Crew

CR1-1 4.05 $\frac{140.085}{\wedge}$ 136.035

1.845 $\frac{134.630^{625}}{\wedge}$ 7.305 132.78⁰

T.P. e CB 6.125 128.50⁰

T.P. Rail 2.14 $\frac{131.69}{\wedge}$ 5.080 129.55⁰

TBM C-21
Spk In Tree

11.51 120.18[✓]
(120.17 Pg. 73)

✓ CTR 1/21/86

75
Inst. Tape Wthr & Temp. Date Crew

Level Run Between BMs

TBM
#2280 4.80 $\frac{182.72}{\wedge}$ 177.92
e Fray St.

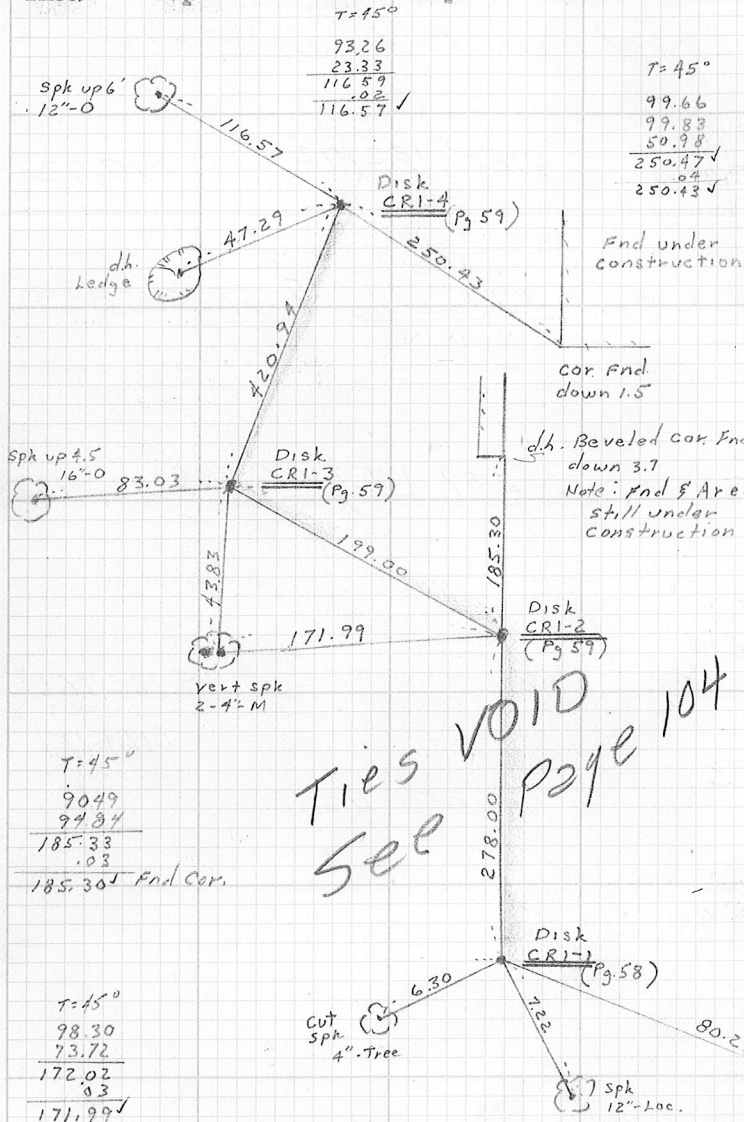
T.P. RRSpr 3.14 $\frac{179.025}{\wedge}$ 6.835 175.885[✓]

T.P. RRSpr 2.87 $\frac{175.210}{\wedge}$ 6.685 172.340[✓]

TBM
#2279 8.45 166.760[✓]
(166.77)

✓ CTR 1/21/86

76/475 TRANSFER STATION
TIES FOR LOT CORNERS
Inst. Tape Wthr & Temp. Date Crew



ROUTE 27

MEDFIELD

Inst. Tape Wthr & Temp. Date Crew
#4 P5 FAIR 45° 12/9/85 Leone Carew

Bench Run

+	HI	-	Elev.	REMARKS
2.34	138.38		136.04	Disk CRI-1 Pg. 70
8.36	134.76	11.98	126.40 ✓	Disk CRI-2
		8.00	126.76 ✓	Disk CRI-3 Pg. 70

Bench Check

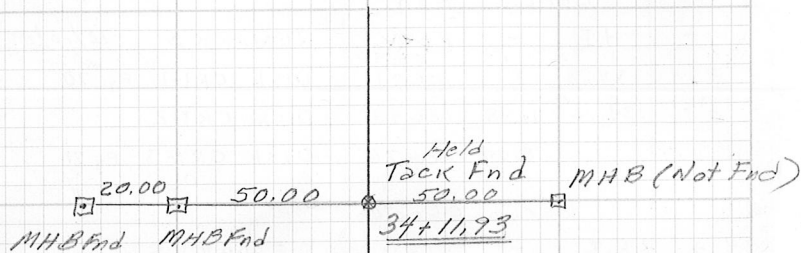
+	HI	-	Elev.	REMARKS
7.94	134.70 ✓		126.76	Disk CRI-3 Pg. 70
11.84	138.24 ✓	8.30	126.40 ✓	Disk CRI-2
		2.20	136.04 ✓	Disk CRI-1 Pg. 70

✓ CTR 1/21/86

Elev Void
See Page 102

78/ TRANSFER Station - Medfield (Route 27)

Inst. /475 Tape Wthr & Temp. Date Crew



Tack Fnd 50.00 MHB (Fnd) 53+00.00

Held Tack Fnd 50.00 MHB (Fnd) 62+15.56

SEE PG. 94 FOR ANGLE MEAS'D

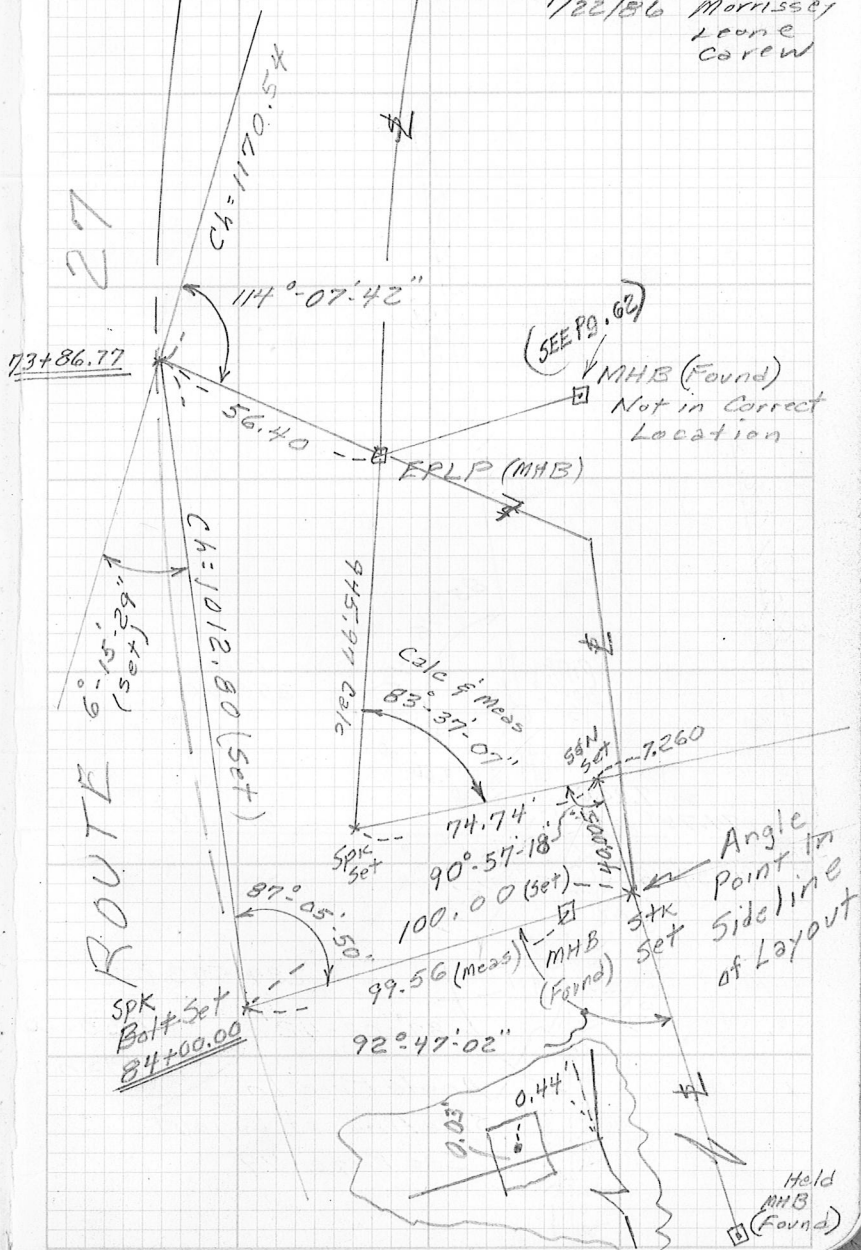
Def 03°-21'-19" (Set)

CH = 1170.54 (Set)

79

Inst. Tape Wthr & Temp. Date Crew

1/22/86 Morrissey Leone Crew



80/475

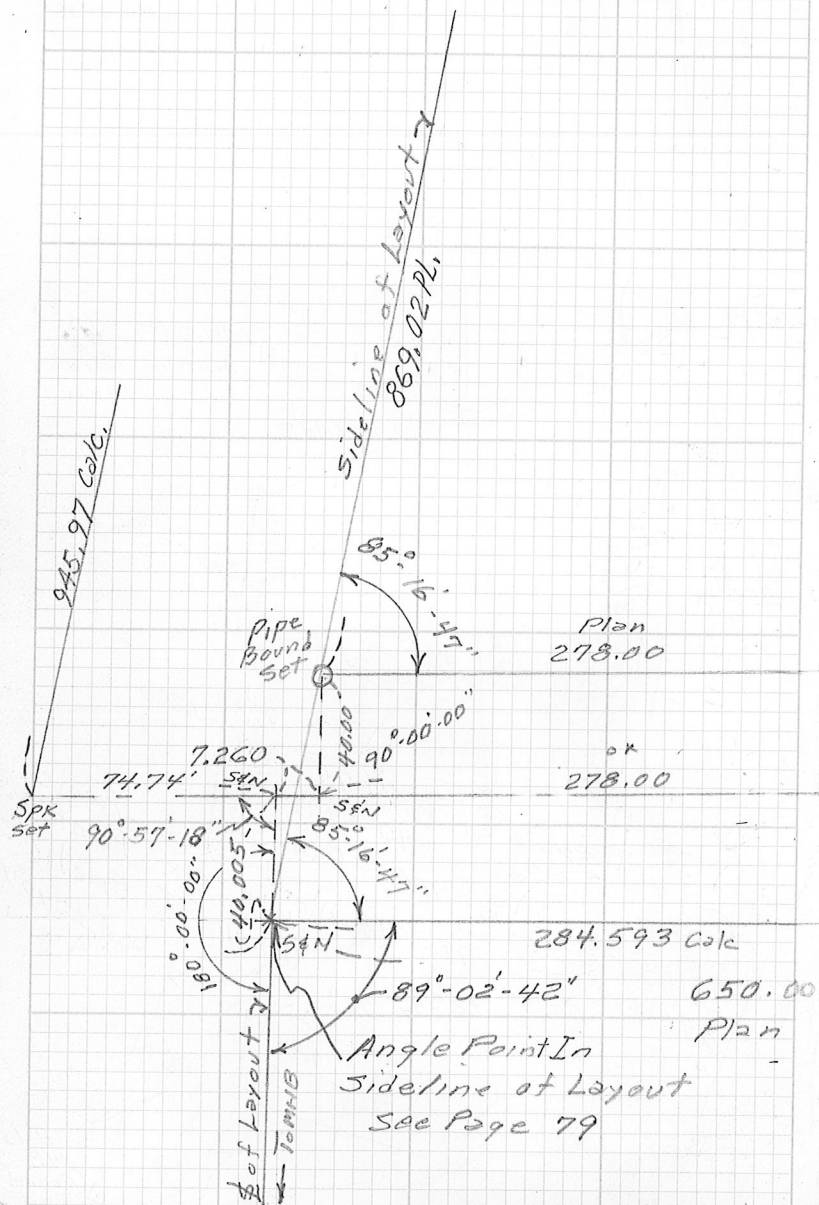
Inst.

Tape

Wthr & Temp.

Date

Crew



81

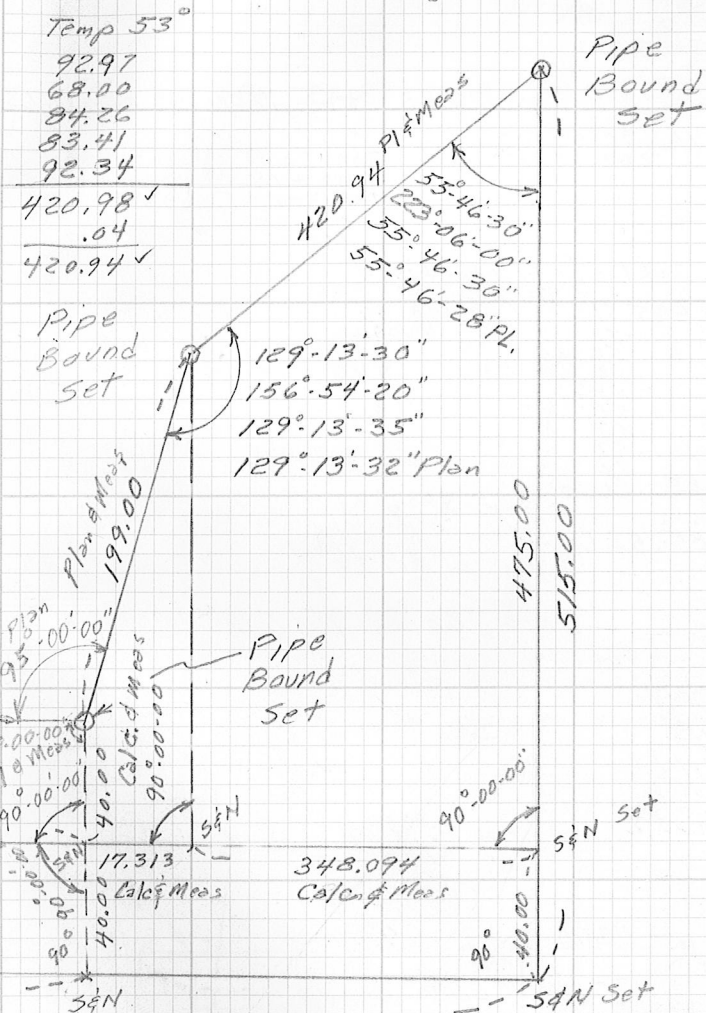
Inst.

Tape

Wthr & Temp.

Date

Crew



82/475

TRANSFER STATION

Inst. Tape Wthr & Temp. Date Crew

STN PG 63 to TACK SET RR. PG 63

VA = 90-40-09
269-19-39BAR = 30.0
RPM +14
Temp = 40°OFFSET 098
W/F

Feet meters

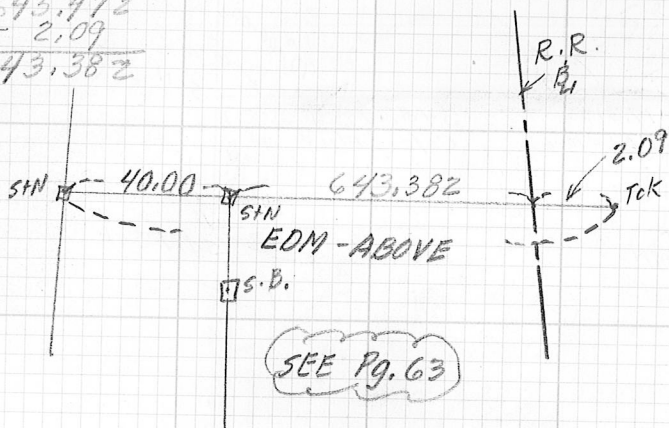
685.51	208.956
.52	.949
.52	.952
.52	.948
.51	.942
.54	.941
.53	.942
.53	.942
.52	.943
685.51	208.940

685.521

$$208.946 \times 3.2808333 = 685.519$$

$$Ave = 685.519 \times \cos 40'-09" = \underline{\underline{685.472}}$$

685.472
- 40.00
645.472
- 2.09
643.382



= MEDFIELD

83

Inst. Tape Wthr & Temp. Date Crew
1/22/86
LEONE
CROWLEY
CAREW

SPK PG. 79 to S.B. PIN IN LEAD PG 79

VA = 91-27-30
268-32-32BAR = 30.0 PPM +14
Temp 40° OFFSET 098
W/F

Feet meters

946.13	288.390
.13	.390
.13	.396
.16	.391
.14	.388
.14	.390
.14	.396
.13	.389
.14	.394
946.14	288.395

946.138

$$288.391 \times 3.2808333 = 946.165$$

$$Ave = 946.152 \times \cos 1-27-30 = \underline{\underline{945.846}}$$

84/405

TRANSFER STATION

Inst. Tape Wthr & Temp. Date Crew

SPK PG 79 to S+N PG 86

VA = 92.38.52
267.21-06BAR = 30.0 PPM +14
Temp 40° Offset 098
w/F

Feet

Meters

254.75

77.661

.74

.663

.74

.652

.75

.657

.75

.659

.76

.661

.76

.665

.76

.659

.78

.661

.78

77.660

.79

.77

.78

.78

.76

254.76

254.762

Ave 254.776 x Cos 2° 38' 52" = 254.504 ✓

= MEDFIELD

85

Inst. Tape Wthr & Temp. Date Crew

1/23/86

DISK CRI-2 to S+N PG 86

VA = 89-33-35
270-26-22BAR = 30.0 PPM = +14
Temp = 40° Offset = 098 w/F

Feet

Meters

394.13

120.130

.14

.136

.13

.135

.12

.136

.14

.137

.12

.132

.14

.137

.13

.132

.12

.133

394.13

120.133

394.130

120.134 x 3.2808333 = 394.140 ✓

Ave 394.135 x Cos 0° 26' 23.5" = 394.123 ✓

DISK CRI-2 to DISK CRI-3 PG 87

VA = 89-55-48
270-04-11BAR = 30.0 PPM = +14
Temp = 40° Offset = 098 w/F

Feet

Meters

199.04

60.667

.03

.670

.05

.671

.05

.667

.04

.672

.04

.670

.03

.672

.05

.668

.03

.674

199.04

60.671

199.040

60.670 x 3.2808333 = 199.048

199.045 x Cos 0° 04' 12" = 199.045 ✓

86/475

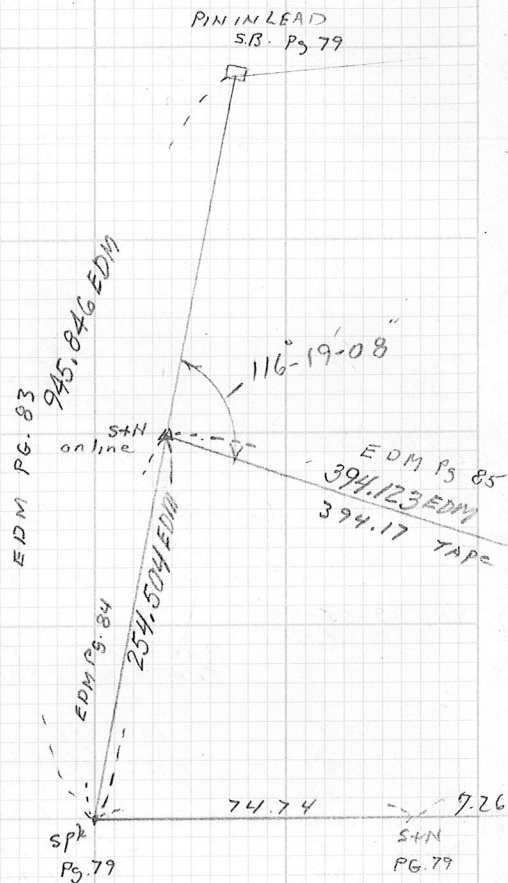
TRANSFER STATION 2

Inst. Tape Wthr & Temp. Date Crew
 Theo. Ranger Clear 46°

116-19-08
 243-40-52
 360-00-00

Route 27

T=26°
 99.80
 89.44
 65.32
 254.56
 .07
 254.49



MEDFIELD

87

Inst. Tape Wthr & Temp. Date Crew
 1/23/86 Leone
 1/24/86 Prisco
 Crowley
 crew

Disk CR1-3 PG 76

T=26°
 99.92
 99.13
 199.05
 .05
 199.00 meas. 1/24/86

EDM PG. 85

199.00 meas with tape PG. 76

meas.

Disk CR1-2 PG. 76

T=26°
 69.49
 61.61
 97.63
 68.51
 13.03
 84.01
 394.28
 .11
 394.17

62-17-39
 297-42-21
 360-00-00

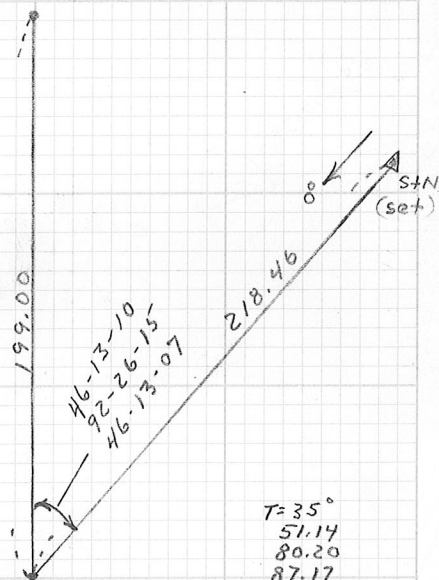
88/475

TRANSFER STATION $\approx$

Inst.	Tape	Wthr & Temp.	Date	Crew
#3	#6	cold 35° ±		

Note: Bldg & Area still under construction, Foundation & wall located 1/23/86

Disk
CRI-3
475/76



Disk
CRI-2
475/76

T=35°
51.14
80.20
87.17
218.51
.05
218.46

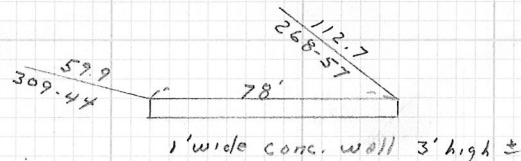
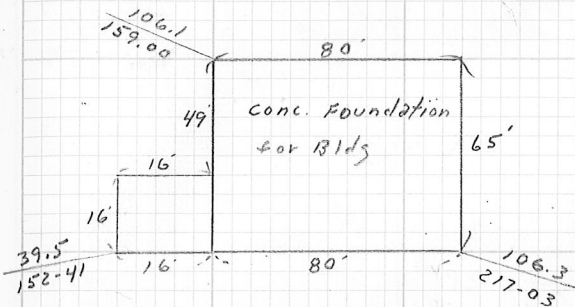
MEDFIELD

89

Inst.	Tape	Wthr & Temp.	Date	Crew
			1/23/86	LEONE CAREW

T=35°
99.00
7.10
106.10
.02
106.08

T=35°
72.80
33.50
106.30
.02
106.28



T=35°
98.95
13.75
112.70
.02
112.68

Plotted CTR 1/29/86

90/475

TRANSFER

STATION

≈

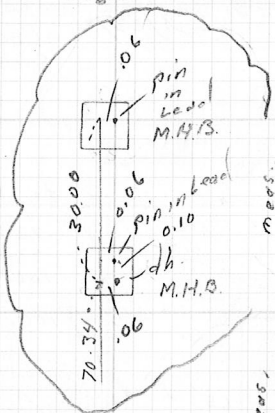
Inst.

Tape

Wthr & Temp.

Date

Crew



T: 25°

30.04

9.12

1056

13.04

7.60

70.36 ✓

- .02

70.34 ✓

ROUTE 27 SPK
Pg 79

99.56

see Pg. 79
M.H.B.

0.44

Stk set
Pg. 79

MEDFIELD

91

Inst.

Tape

Wthr & Temp.

Date

Crew

#3

#6

Fair

25° ± 1/30/96

Leone
Prisco
Crowley
Crew

$$\begin{aligned} \cos. VA &= 30.59-00 & T=25^\circ \\ & \times 47.03 & = 40.32 \checkmark \\ & & + 30.04 \\ & & \hline & 70.36 \\ & & - .02 \\ & & \hline & 70.34 \checkmark \end{aligned}$$

92/425 TRANSFER STATION

STATE

TACK

91+51.16

250'±

77.60

30.91

STN set for sight

STN set P.O.L.

MH3 Pin in lead

87-51-00

175-42-10

87-51-05

00-03-20

00-06-50

00-03-25

$$T = 36^\circ$$
$$V_A = 25^\circ \quad V_D = 85.75$$
$$\begin{array}{r} \text{H.D.} = 77.72 \\ \quad \quad \quad .02 \\ \hline 77.70 \end{array}$$
$$V_A = 20^\circ \quad V_D = 82.70$$

H.D. 77.71
.02

77.69 use

T2CK
91+51.16

174°-59'-20"
339°-57'-20"
174°-59'-20"

Hand-drawn sketch of a traverse with the following data:

- Angles: $174^{\circ}56'15''$, $339^{\circ}44'20''$, $174^{\circ}56'05''$
- Bearings: $77^{\circ}39'20''$, $52^{\circ}84'0''$
- Side length: $0.43'$
- Labels: "SPK." and "TACK"

TALK
73+86, 99 Meds
73+86, 97 Plan

TACK
Pg 62

73+86.99 meds.
73+86.77 plan

MEDFIELD

Inst.	Tape	Wthr & Temp.	Date	Crew
#3	#6	FAIR 38 ⁺	2/5/86	Leone

STATE

← 12

0.12

dh on line

63.36

41.54

5PK SET

92-16-00

184-32-00

92-16-00

OK

TACK

100+00.00

22.100

Rd. Point Falls in Asph. Parking

Railroad M.H.B.

FND FLUSH NO PIN

$$T = 36^\circ$$

VA: 10°-00'-00"
Y.D. 64.35

$$\begin{array}{r} H.D. 63.37 \\ .01 \\ \hline 63.36 \end{array}$$

175-22-20
341-30-05
175-22-31

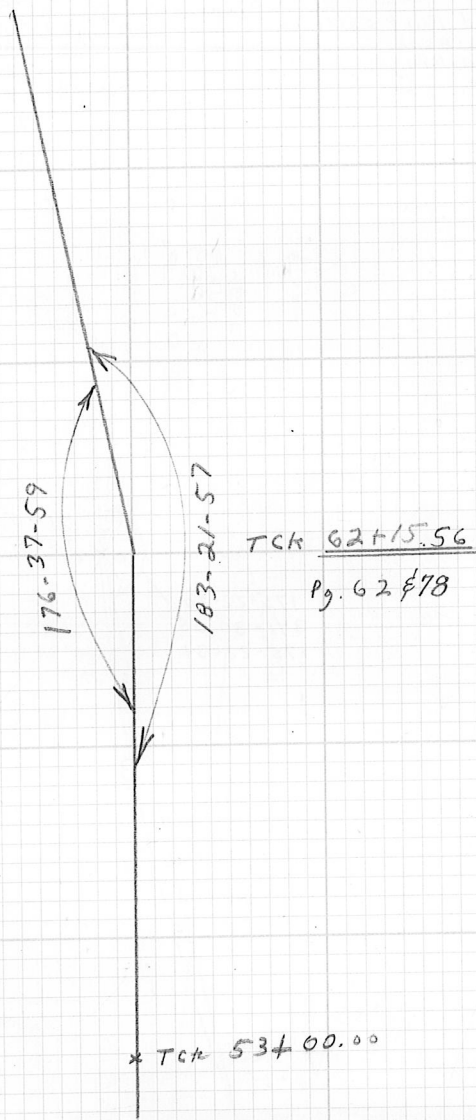
91 + 51.16
TACK
END

Route 27

56

94/495 Transfer Station

Inst.	Tape	Wthr & Temp.	Date	Crew



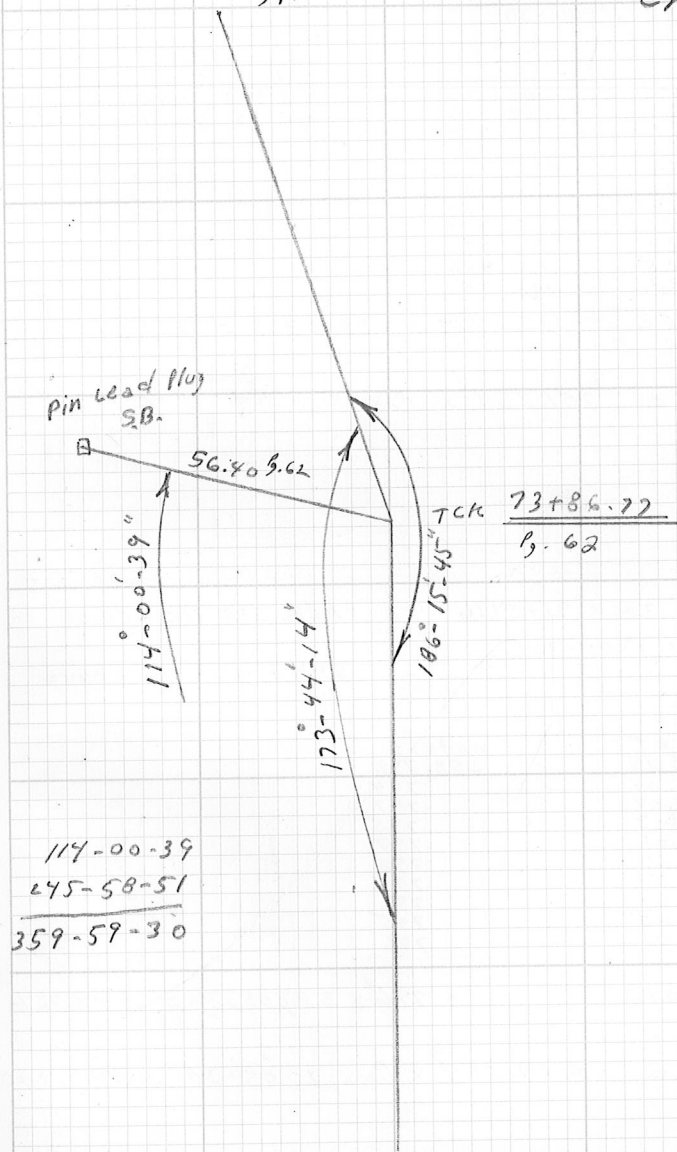
J.C.

95

Medfield

Inst.	Tape	Wthr & Temp.	Date	Crew
#5		22°	1/7/86	Frink Sly Crowley

SFK 84+00 Pg. 62



SL
JC

96/475

TRANSFER STATION

Inst.

Tape

Wthr & Temp.

Date

Crew

2/5/86

TACK 91+51.16 to spk PG 63

VA = 1°-00'-30"

Feet	Meters
751.27	228.996
.27	.984
.26	.987
.28	.989
.28	.989
.25	.987
.26	.987
.23	.996
.25	.988
751.27	228.989

T = 38°
BAR = 29.55
PPM +18
OFFSET 098
w/A single Glass Refl.

Ave 751.262 ✓

228.989 × 3.2808333 = 751.275 ✓

Ave = 751.269 × Cos 1°-00'-33" = 751.153 ✓

TACK 91+51.16 to TACK STA. 100+00.00

VA = 1°-05'-30"

SAME INFO AS ABOVE

Feet	Meters
849.04	258.778
.04	.794
.04	.797
.03	.795
.01	.797
.05	.798
.04	.797
.07	.792
.05	.795
849.05	.796

849.042 ✓

258.796 × 3.2808333 = 849.066 ✓

Ave = 849.054 × Cos 1°-05'-30" = 848.900 ✓

MEDFIELD

97

Inst.

Tape

Wthr & Temp.

Date

Crew

98

Transfer Station

Setting BM on Corner of Conc. Wall

Inst.	Tape	Wthr & Temp.	Date	Crew
TBM			1/21/86	Morrissey Crowley SLY
Disc CRI-1	4.92	<u>140.955</u> K		136.035 (Page 70)
TP	3.98	<u>135.545</u> K	9.39	131.565
Disc CRI-2	11.45	<u>137.855</u> K	9.14	126.405
TBM Chisel Sq	0.94	<u>137.595</u> K	1.20	136.655
Top of Conc Wall				
West End of Wall				
Disc CRI-3	8.54	<u>135.315</u> K	10.82	126.775
Disc CRT-2	10.80	<u>137.20</u> K	8.910	126.405 (126.40) Page 70
Check TBM Chisel Sq			0.55	136.650 (136.655)
Top of Conc Wall				

475/99

Inst.	Tape	Wthr & Temp.	Date	Crew
-------	------	--------------	------	------

100 Level Run on Disc Set @

Inst. 475 Tape Wthr & Temp. Date Crew

TBM Chise/Sq 1.30 137.955 136.655
Top of Conc Wall
West End

CRI-4 4.15 132.045 10.06 127.895

CRI-3 7.53 133.95 5.625 126.42

CRI-2 11.11 137.00 8.06 125.89

CRI-1 3.93 139.56 1.37 135.63

TP @ CB 241 130.55 11.42 128.14

10.71 119.84

VOID

Transfer Station Medfield

Inst. Tape Wthr & Temp. Date Crew
Apr. 3, 86 Morrissey
Cronley

CRI-4 507 132.965 127.895

CRI-3 6.18 126.785

VOID

101

102/ LEVEL RUN ON DISC SET @
 Inst. Tape Wthr & Temp. Date Crew
 475

TBM CHISEL SQ

TOP OF CONC WALL
 WEST END 1300 137.955 136.655
 (Page 98)

CRI-4 5.076 132.965 10.060 127.895

CRI-3 7.525 134.310 6.180 126.785

CRI-2 11.105 137.350 8.065 126.245

CRI-1 3.930 139.905 1.375 135.975

TP @ C.B. 2.405 130.885 11.425 128.480

TBM SPK IN TREE 10.715 120.170

BM C-21

SEE B. 72

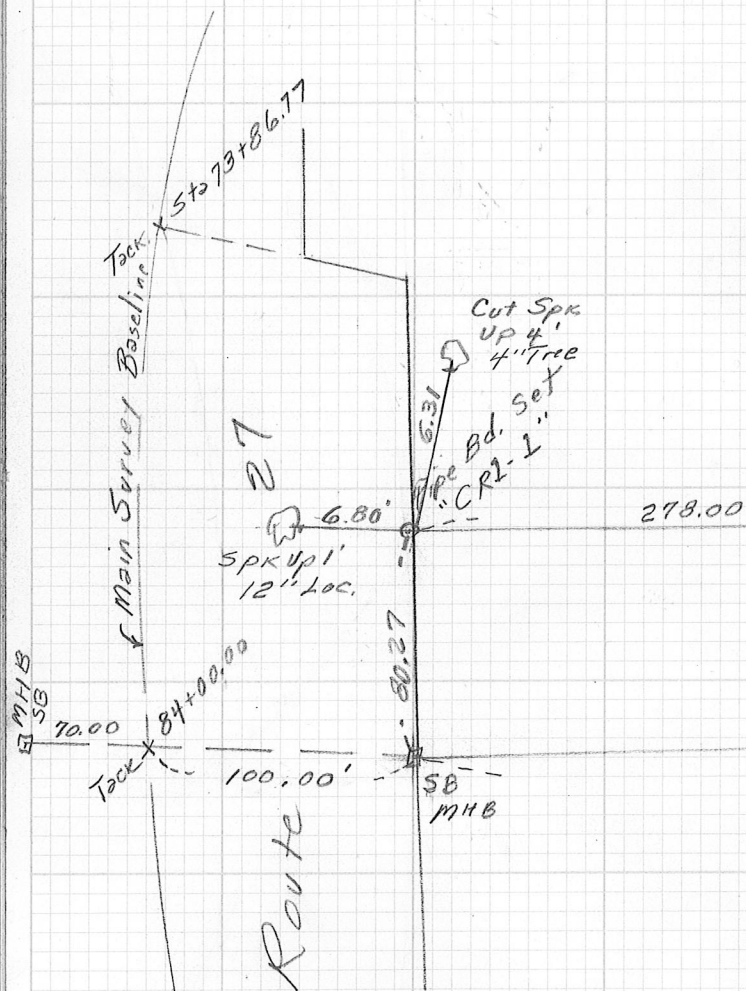
(120.17)

TRANSFER STA. MEDFIELD
 Inst. Tape Wthr & Temp. Date Crew
 APR 3, 1938
 103
 CREW
 MORRISSE
 CREW

104/495

Ties to Bound Points

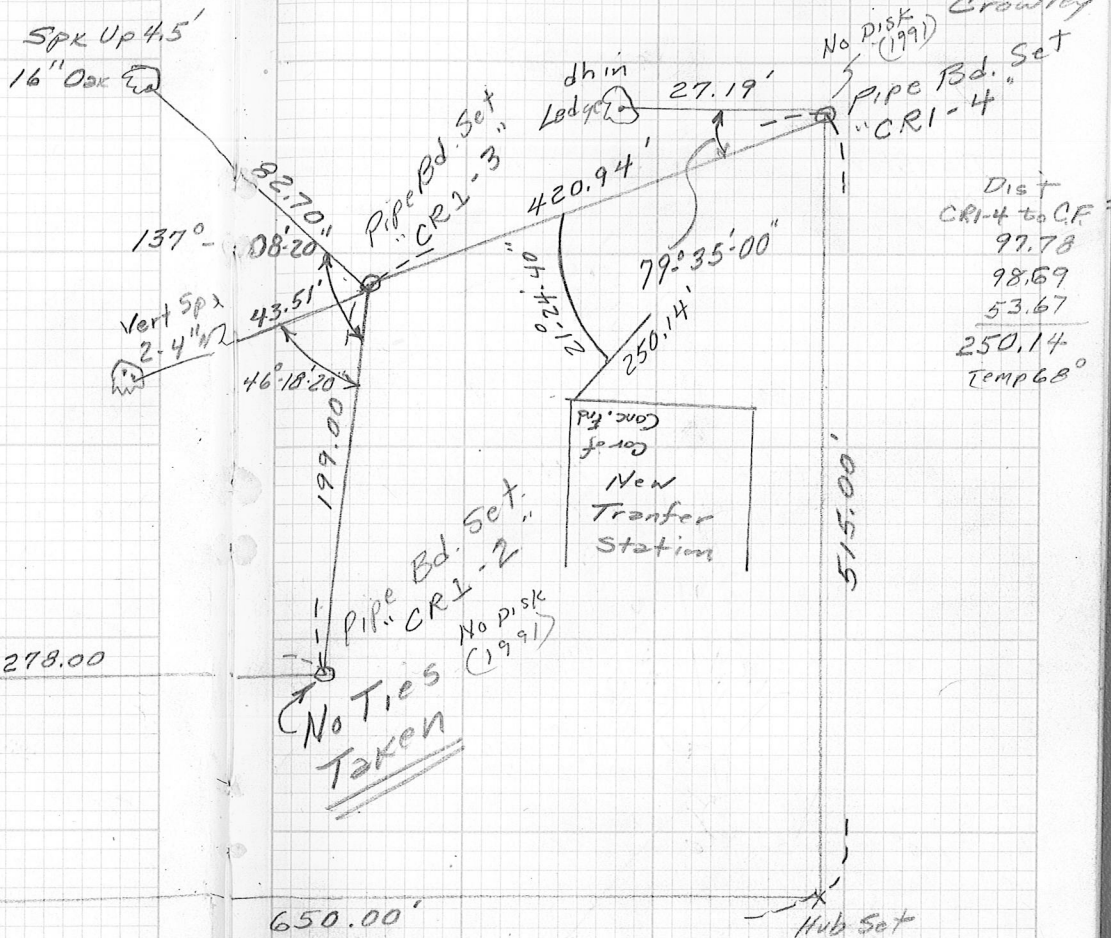
Inst. Tape Wthr & Temp. Date Crew



Medfield - Transfer Station 105

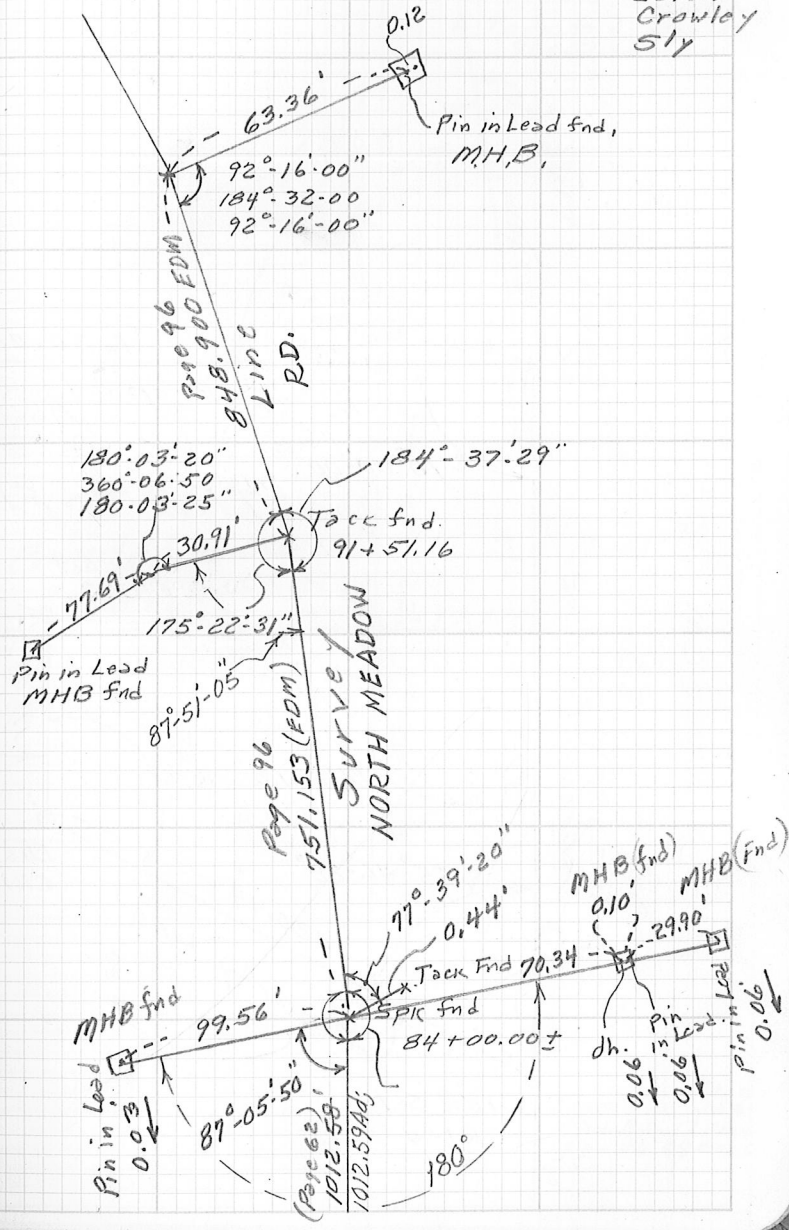
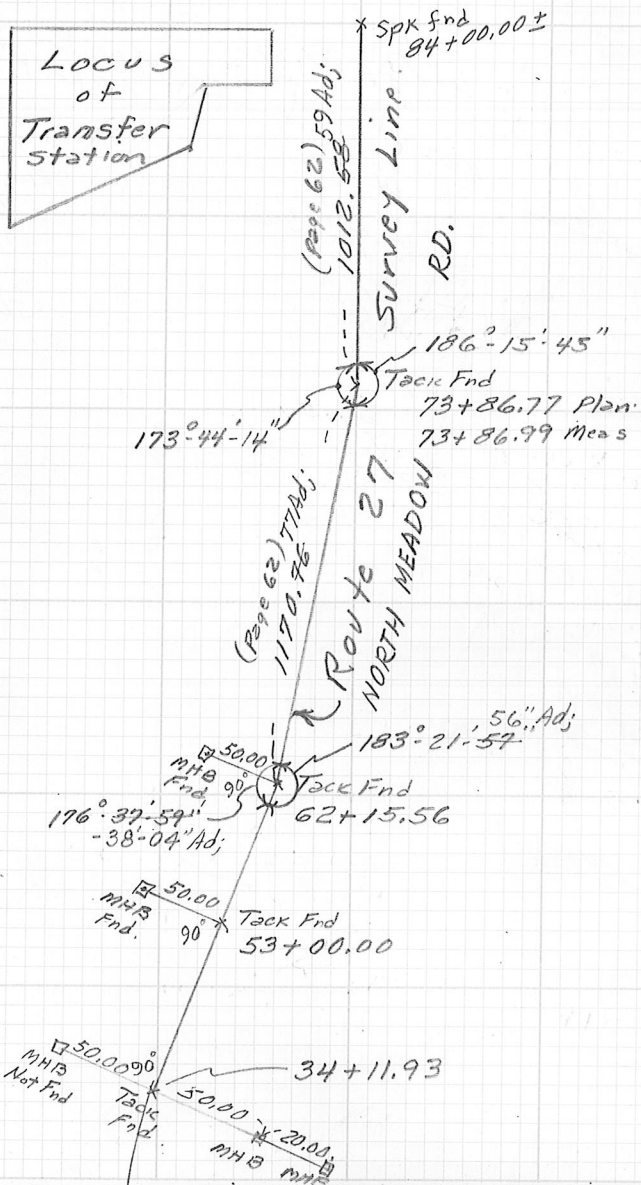
Inst. Tape Wthr & Temp. Date Crew

May 21, 1986 Morrissey
Leone
Crowley



Inst.	Tape	Wthr & Temp.	Date	Crew
475				

Inst.	Tape	Wthr & Temp.	Date	Crow
#5		Fair	Sept 25, 1986	Morrissey Caren Crowley Sly



182,54

112 Topo Survey - Library Site

Inst. 475 Tape Wthr & Temp. Date Crew

187.59
↑

Set at Spk @ Lot Cor Page 111

0°-0' on Spk at Lot Northern 1/2

Shots Taken on Pavement along
Property Line

Remarks	Dist	RR	RR 25' Rt	4' H
	160'	2.62 184.97		
	144'	2.86 184.73	2.93 184.	66
	116'	3.10 184.49	3.14 184	45
	93'	3.23 184.36	3.16 184	43
	70'	3.41 184.18	3.22 184	37
	40'	3.97 183.62	3.53 184	06
Beq of Berm Curb	28'	BC 4.15 183.44	3.72 183	87
	27.5'	TC 3.72 183.87		
PC of Curb	1.5'	TC 4.31 183.28 BC 4.82 182.77	4.37 183	22

Medfield - Main St. 113

Inst. Tape Wthr & Temp. Date Crew
7/17/86 Morrissey
Crowley
St. Cyr

Edge of Pav 1' Lt of Property Line

3.40 184.19

3.97 183.62

Cor of Fence 2' Lt of Prop Cor RR 4.8
182.8

Plotted

114/ Topo Survey Library 5.1
 Inst. Tape Wthr & Temp. Date Crew
 475

I.P. Cor of Stop
 Rear Ent to
 Library

3.57 190.01



Medfield - Main St 115
 Inst. Tape Wthr & Temp. Date Crew
 7/17/36 Mo Frissg.
 Crowley
 St. Cyr.
 186.44

Edge of Pav e
 Sta off RR
 • 1- 94 5.36 184.65
 • 1+25 11.54 5.77 184.24
 • 1+50 13 4 5.84 184.17
 • 1+56 15 4 5.83 184.18
 • 1+55 25 4 5.66 184.35

116/ Topo Survey Library St.
 Inst. Tape Wthr & Temp. Date Crew
 475

190.01
 Ground Shots (sand)

1+75 0 25 50
 6.6 6.8 6.5
 183.4 183.2 183.5

1+50 0 25 50
 5.9 6.1 6.4
 184.1 183.9 183.6

1+25 0 25 42 50
 5.4 5.5 6.6 6.1
 184.6 184.5 183.4 183.9

1+0 0 25 50
 4.9 4.9 5.5
 185.1 185.1 184.5

Low spot
 19 25 50
 5.4 4.7 4.8
 184.6 185.3 185.2

0+50 25 50
 4.5 4.5
 185.5 185.5

Medfield Main St. 117
 Inst. Tape Wthr & Temp. Date Crew
 7/17/86 Morrissey
 Crowley
 St. Cyr

plotted

@Bldg
 75 100 119
 5.7 5.8 5.6
 184.3 184.2 184.4

75 100 125 150 175
 5.3 5.6 5.6 5.3 5.7
 184.7 184.4 184.4 184.7 184.3

75 100 125 150 175
 4.6 5.2 5.2 5.5 6.0
 185.4 184.8 184.8 184.5 184.0

GS Edge On Pavc Edg 3.5' Wide Conc Walk Top of Stairs
 59 60 74 75 75 78.5 78.5
 4.8 4.47 4.49 4.5 4.10 4.07 1.33
 185.2 185.54 185.52 185.5 185.91 185.94 188.68

118/ Topo Survey Library Site

Inst. Tape Wthr & Temp. Date Crew

4/15

190.01

Set at 50' 0°-0' on Lot Cor @ Main St.
Bend In Lot Ln.

255°-40'	118'	5.3	} 12" Spruce
		184.7	
257°-00'	123'	5.6	
		184.4	} Conc'd 1 Story
247°-00'	128'	5.6	
		184.4	
			} Brick Bldg (Historical Society)

Plotted

TBM
Check on SB 5.97

184.04 ✓
(184.02) OK

Medfield - Main St

Inst. Tape Wthr & Temp. Date Crew

7/17/86

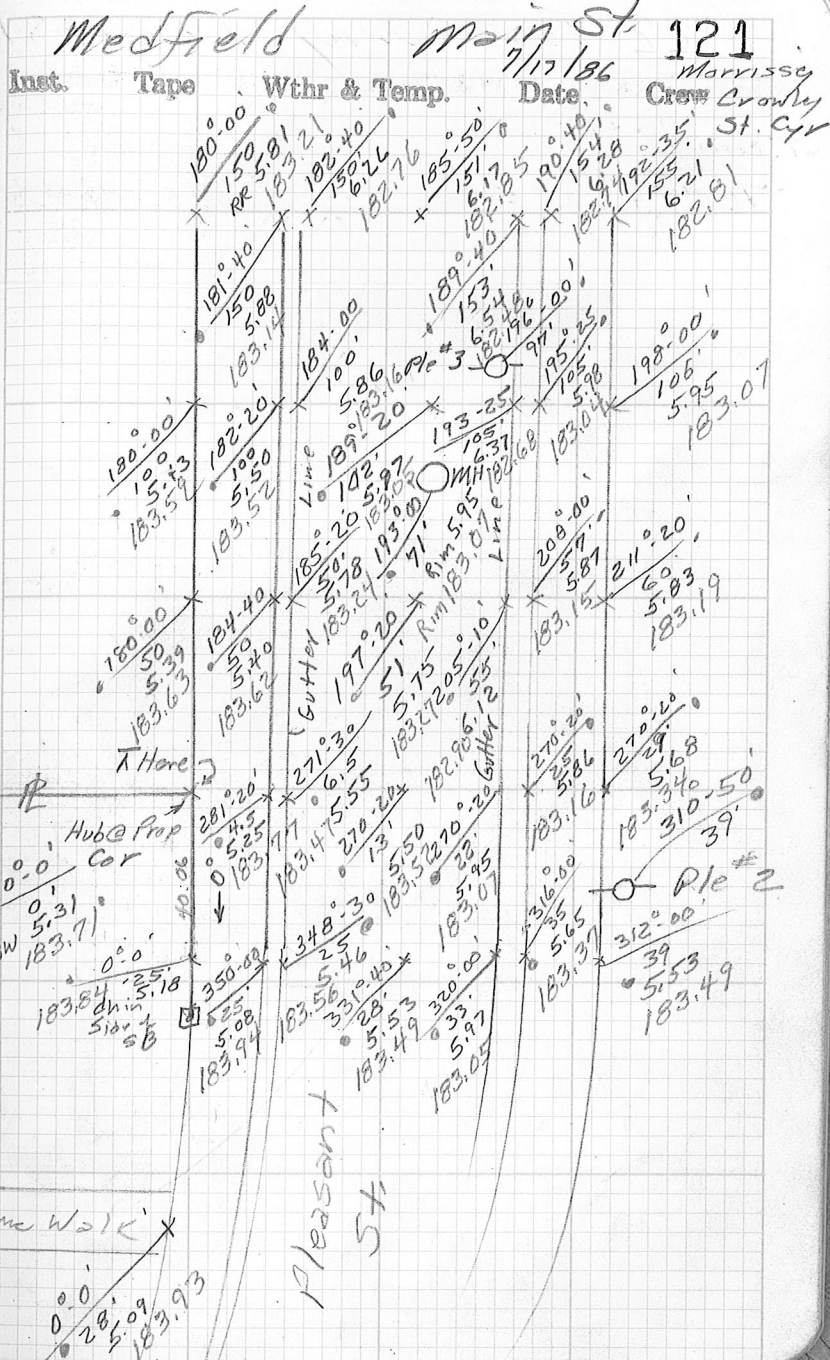
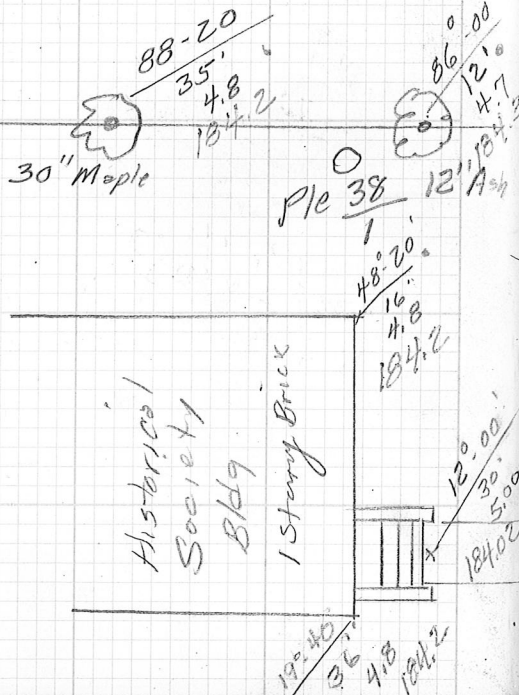
Morrisse
Crowley
St Cyr

120 Topo Survey Library Site

Inst.	Tape	Wthr & Temp.	Date	Crew
TBM	Corr 4 Stop Rear Ent	2.91	189.35	7/17/86 Morrissey Crowley St. Cyr.
T.P.	High Pt on Rock	3.32	189.02	3.65 185.70

FIELD BOOK

475





Hand-drawn survey map showing property boundaries, bearings, distances, and area calculations. The map includes a 'Brick Walk' area, a 'Hub' area, and a 'Paved' area. The following are the key features and calculations:

- Top Section (Brick Walk):**
 - Bearings: 49° , 78° , 51.16 , 185.50 , 64° , 66° , 51.2 , 185.54 , 90° , 60° , 50.8 , 185.61 .
 - Area: 5.41 , 185.25 .
 - Other: $34^\circ 20'$, $93'$, 5.40 , 185.26 , 41.00 , $71'$, 5.41 , 185.25 , 62.30 , 59 , 52.57 , 185.41 , 87.30 , 55 , $90.0'$, $53'$, 5.22 , 185.44 , $90.0'$, $53'$, 5.62 , 185.04 , $90.0'$, 31.23 , 5.23 , 185.43 .
- Middle Section (Hub):**
 - Bearings: $4^\circ 20'$, $43^\circ 40'$, 76° , 6.08 , 41.00 , 31.20 , 59 , 5.41 , 185.25 , 62.30 , 59 , 58.5 , 184.81 , 48.50 , 40 , 5.33 , 185.33 , $90.0'$, 31.23 , 5.23 , 185.43 .
 - Area: 5.98 , 184.68 , 76 , 6.08 , 41.00 , 31.20 , 59 , 5.41 , 185.25 , 62.30 , 59 , 58.5 , 184.81 , 48.50 , 40 , 5.33 , 185.33 , $90.0'$, 31.23 , 5.23 , 185.43 .
- Bottom Section (Paved):**
 - Bearings: 2.00 , 81 , 5.55 , 185.11 , 6.20 , 75 , 6.21 , 184.45 , 9.30 , 50 , 6.10 , 184.56 , 15.40 , 25 , 5.38 , 185.28 , 3.00 , 25 , 5.21 , 185.45 , $90.0'$, 8.26 , 5.82 , 184.84 , $90.0'$, 5.12 , 185.54 , $180.0'$, 3.58 , 1.00 , $180.0'$.
 - Area: 5.37 , 185.29 , 1.20 , 50 , 5.31 , 185.35 , 15.40 , 25 , 5.38 , 185.28 , 3.00 , 25 , 5.21 , 185.45 , $90.0'$, 8.26 , 5.82 , 184.84 , $90.0'$, 5.12 , 185.54 , $180.0'$, 3.58 , 1.00 , $180.0'$.

Other labels include 'Brick Walk', 'Hub', 'Paved', 'Ramp', '3" Typ.', 'on And Lot Cor', and 'X Here'.

7/18/86 Morrissey
Crowley
St. City

125

Conc Walk

Paved Walk

Plc#

Traffic Light

Traffic Control Box

Ramp

SMH

GG

15 Story Brick

15 Story Stucco

LORDS

15 Story Brick

Note: offsets are to Survey Line Not to Street Line in front of Stores

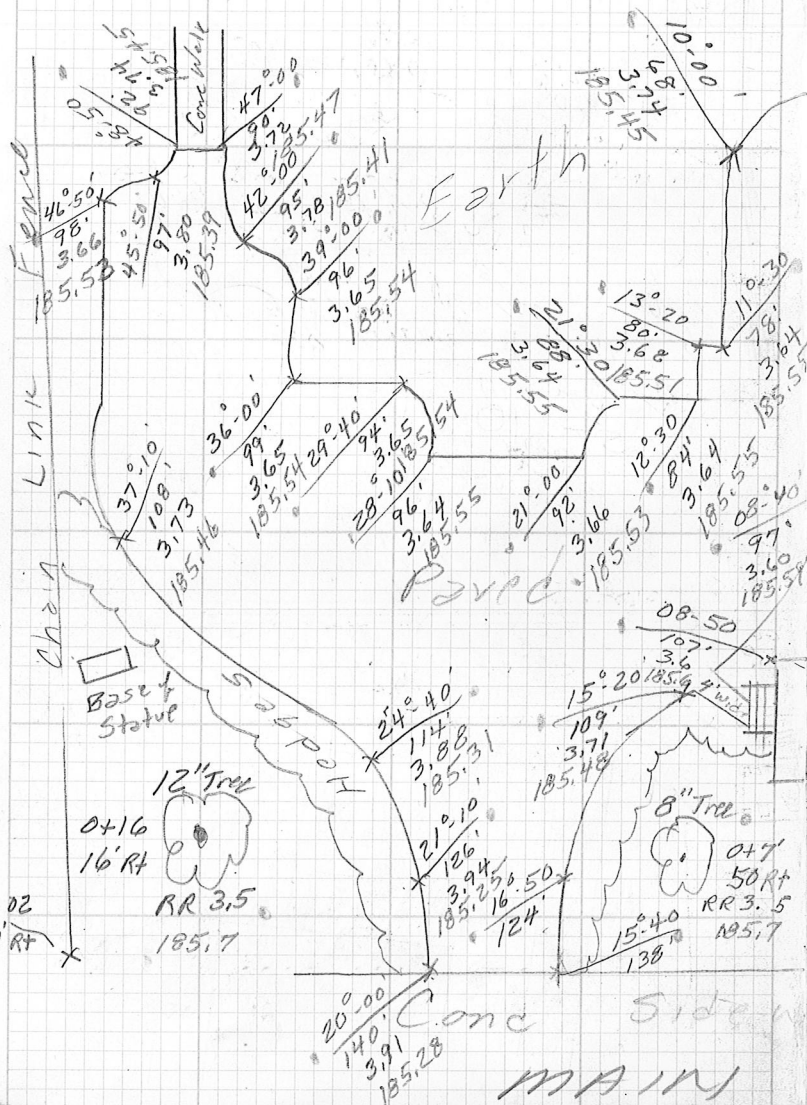
128 Topo Survey Library Site

Inst. Tape Wthr & Temp. Date Crew

Set at 1425 75' Rt. 00' m

TBM SW Cor Stone
Rear Ent

2.75 189.19 186.44



Main St.

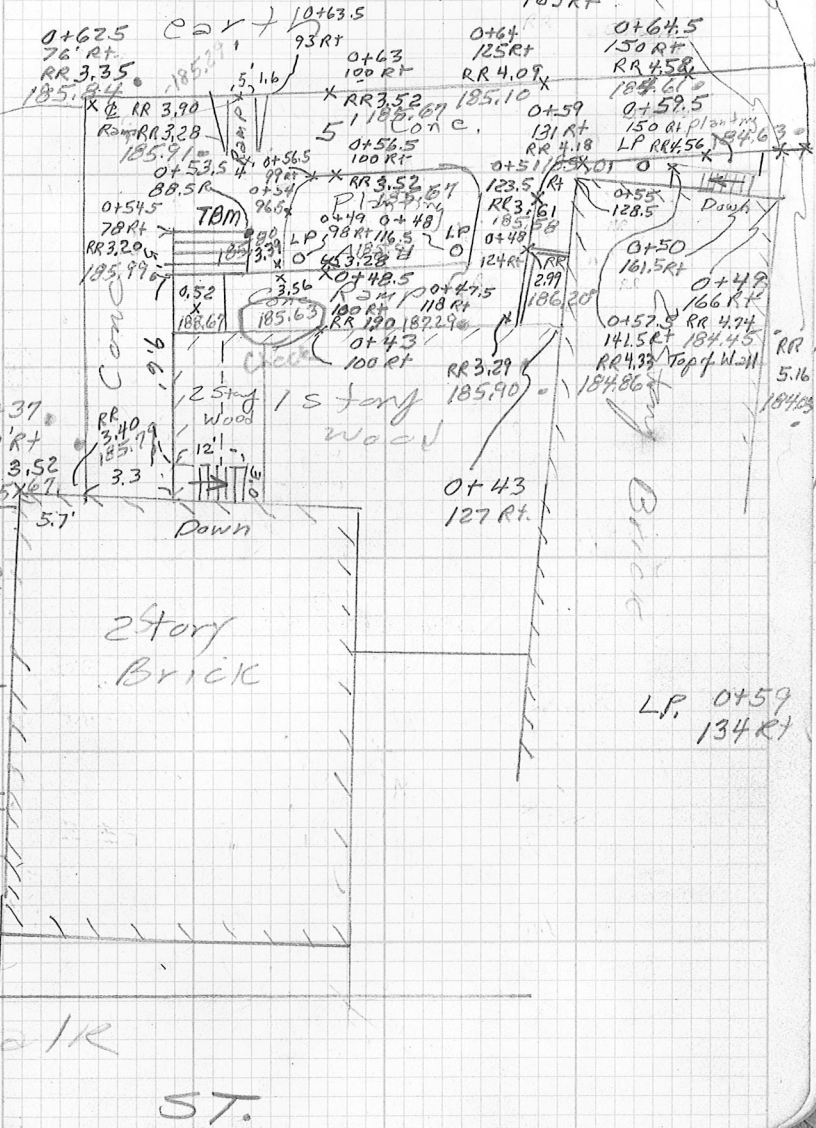
FIELD Book 495

129

Inst. Tape Wthr & Temp. Date Crew

July 18 86

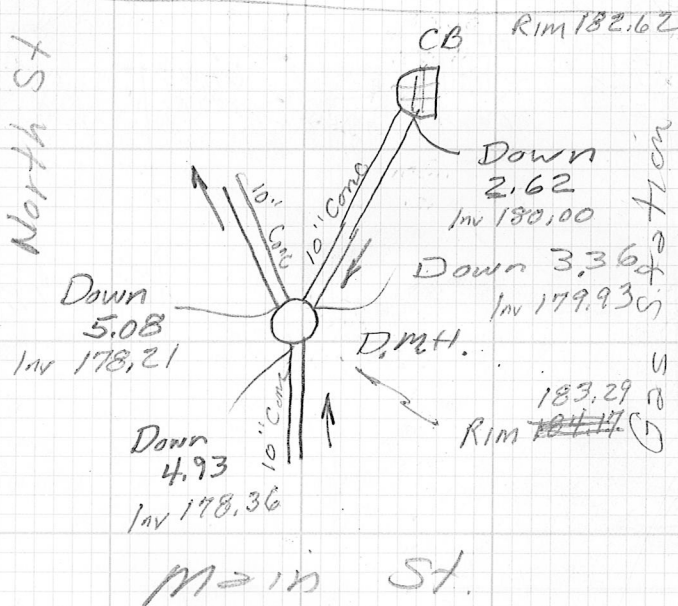
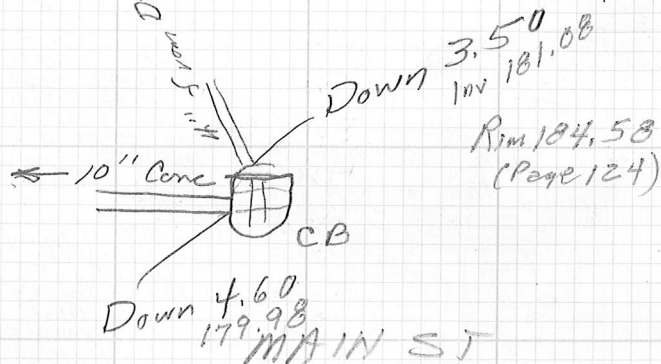
0+60 0+65.5
Rt 168 RR 79
RR 4.90 RC 5.16
184.29 184.03
0+59.6
163 Rt.



130 Topo Survey Library Site

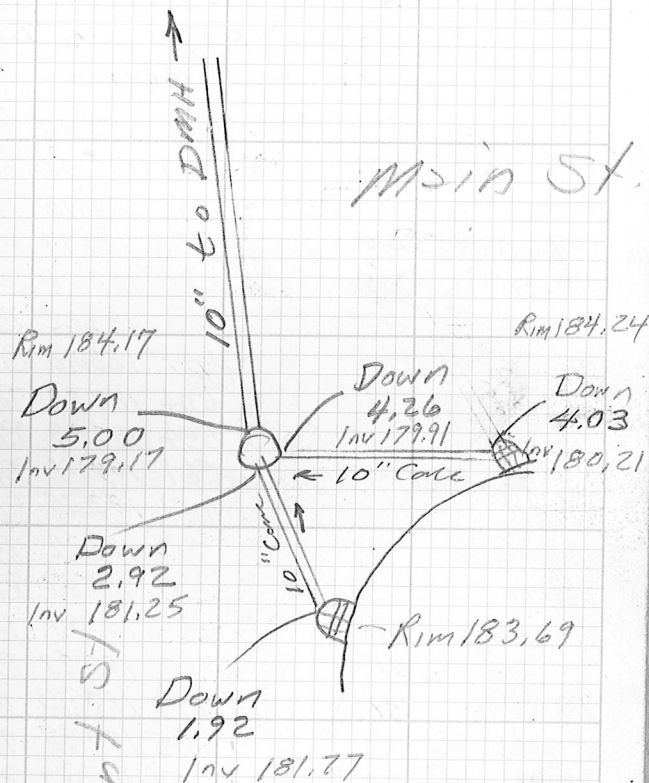
Inst. Tape Wthr & Temp. Date Crew

Town Hall



Main St. Medfield 475/131

Inst. Tape Wthr & Temp. Date Crew
July 21, 86 Morrissey
Crowley
St. Cyr



Pleasant St.

132/ Topo Survey Library				
Inst.	Tape	Wthr & Temp.	Date	Crew
	475		189.92	
Angle	Dist	RR	Elev	Remarks
Note: These Shots Are taken from Sketch on Page 126 for easier reduction				
181-10	163	•	6.52 183.40	Rim C.B.
194-30	170	•	6.40 183.52	BOT. CURB
" "	"	•	5.82 184.10	TOP. CURB
197-20	172	•	5.58 184.34	BK. WALK
176-30	147	•	6.20 183.17	BOT. CURB
" "	"	•	5.70 184.22	TOP. CURB
206-30	138	•	6.44 183.48	BOT. CURB
" "	"	•	6.04 183.88	TOP "
215-20	107	•	5.94 183.98	BOT. "
" "	"	•	5.61 184.31	TOP "
226-40	138	•	6.47 183.45	BOT. "
" "	"	•	5.94 183.98	TOP "
237-00	115	•	7.30 182.62	Rim C.B.
237-40	118	•	6.65 183.27	TOP CURB
" "	"	•	7.15 182.77	BOT. "
238-20	87	•	6.49 183.43	" "
" "	"	•	6.05 183.87	TOP "
233-40	104	•	6.63 183.29	Rim D.M.H.
204-40	24	•	5.75 184.17	" " " "
242-50	71	•	6.22 183.70	BOT CURB
" "	"	•	5.83 184.09	TOP "
247-40	64	•	6.00 183.92	BOT. "
" "	"	•	5.58 184.42	TOP "
272-20	51	•	5.54 184.38	GUTTER LINE
272-30	55	•	4.97 184.95	END CURB
272-30	61	•	4.94 184.98	BK WALK

site Main St. Medfield 133				
Inst.	Tape	Wthr & Temp.	Date	Crew
			July 21, 86	Morrissey
	Dist.	RR.	Elev.	REMARKS
272-20	29	•	5.20 184.72	E ST.
282-20	8	•	5.86 184.06	Rim C.B.
0-0	0	•	4.96 184.96	BK. WALK
277-40	8	•	5.20 184.72	TOP CURB
134-20	29	•	5.71 184.21	BK. WALK
148-10	32	•	5.83 184.09	TOP CURB
" "	"	•	6.21 183.71	BOT. "
151-20	43	•	5.82 184.10	E ST.
155-10	54	•	6.06 183.86	BOT. CURB
" "	"	•	5.51 184.41	TOP. "
156-20	60	•	5.39 184.53	BK. WALK
181-10	82	•	6.02 183.90	BOT CURB
" "	"	•	5.38 184.54	TOP "
185-0	99	•	6.05 183.87	Rim D.M.H.
202-30	59	•	5.64 184.28	" S.M.H.
331-20	56	•	5.03 184.89	" " " "
358-30	25	•	4.82 185.10	BK. WALK
343-0	26	•	4.94 184.98	TOP CURB
" "	"	•	5.51 184.41	BOT. "
310-10	39	•	5.07 184.83	E ST.
276-40	57	•	5.42 184.50	GUTTER LINE
273-30	64	•	5.08 184.84	BK. WALK
358-50	50	•	4.68 185.24	" "
358-50	51	•	4.76 185.16	TOP CURB
" "	"	•	5.36 184.56	BOT. "
328-40	53	•	4.89 185.03	E ST.
314-50	73	•	5.28 184.64	BOT. CURB
" "	"	•	4.75 185.17	TOP "
310-40	80	•	4.54 185.38	BK WALK
(SEE NEXT Pg)				

134/Topo Survey Main St.

Inst.	Tape	Wthr & Temp.	Date	Crew
	475			

	DIST	R.R	ELEV	REMARKS
353-05	75	4.64	185.28	BK WALK
353-40	76	4.76	185.16	TOP CURB
" "	"	5.45	184.47	BOT "
338-0	81	4.79	185.13	E ST.
325-20	92	5.25	184.67	BOT CURB
" "	"	4.66	185.26	TOP "
321-0	98	4.40	185.52	BK WALK

Library Site Medfield

135

Inst.	Tape	Wthr & Temp.	Date	Crew
			July 21 '86	Morrissey

Additional Info:

CLF 3' High from 0+03 to 0+79
0.4 ±' RT

MAIN ST.

7' Conc Walk
0.5' Vert Gran Curb
44' Width of Travel Way

0.5' Vert Gran Curb
7' Brick Sidewalk

PLEASANT ST (North End)

3.5' Paved Walk
0.5' Gran. Curb
16' Curb to Gutter
2' Slope pavement to Walk
5' Paved Walk

Pleasant ST (South End)

4' Conc Walk
19' Walk to Gutter
2' Slope Pave to Walk
5' Paved Walk

136

Rocky Lane

Medfield

Inst.

Tape

Wthr & Temp.

Date

Crew

Replace 5' off Sideline (Left Side)

1.86 220.47RR Δ EFG 218.61

Top of Stk Elev R Elev

1+13.11

212.57

1+25 5.35 215.12 213.16 1.96

1+50 4.27 216.20 214.51 1.69

1+75 3.47 217.00 215.85 1.15

2+0 1.71 218.76 216.43 2.33

2+25 216.99

Grade Stakes

475/137

Inst.

Tape

Wthr & Temp.

Date

Crew

Aug 1, 86 Morrison
Crowley
St. Cyr

140/495

Inst.	Tape	Wthr & Temp.	Date	Crew
-------	------	--------------	------	------

2.35 Rim

6.58

2.50

9.08 Bot of Tub

6.33

6.33

2.35

4.00

141

Inst.	Tape	Wthr & Temp.	Date	Crew
-------	------	--------------	------	------

142 / Profile of Exist Roadway
 Inst. Tape Wthr & Temp. Date Crew
 495 FARM ST Medfield

BM $\square$ Sq in Lodge
 93+40; 60 ft. 5.92 172.68 166.76
 North St. 1920 layout
 FO 473/86

T.P. on Guardrail 2.01 166.84 7.85 164.83

DMH #1 4.61 162.23

+25 4.46 162.38

+50 4.32 162.52

+75 4.11 162.73

+100 3.94 162.90

DMH #2 3.22 163.09
 (110')

+25 3.22 163.62

+50 2.53 164.31

T.P. on Edge Rd 10.53 174.76 2.61 164.23

+75 9.49 165.27

+100 8.24 166.52

DMH #3 7.65 167.11
 (110')

+25 6.10 168.66

+50 4.48 170.28

+75 2.85 171.91

over proposed Drain Line 143
 Inst. Tape Wthr & Temp. Date Crew
 Level 9/8/86 Morrissey
 Crowley
 Falon

174.76

+100 1.21 173.55

T.P. on Edge Rd. 10.61 185.18 0.19 174.57

+125 9.99 175.19

DMH #4 9.02 176.16
 (140')

+25 7.27 177.91

+50 6.00 179.18

+75 5.01 180.17

+100 4.23 180.95

DMH #5 3.98 181.20
 (112')

+25 3.65 181.53

+50 3.29 181.89

+75 2.72 182.46

DMH #6 2.26 182.92
 100'

+25 1.92 183.26

+50 1.62 183.56

FARM ST MEDFIELD

144 Profile of Existing Roadway

Inst. Tape Wthr & Temp. Date Crew

475

185.18

+75 1.25 183.93

T.P. Ed of Rd. 8.22 191.88 1.52 183.66

+100 7.61 184.27

+125 7.23 184.65

+150 6.81 185.07

+175 6.32 185.56

DMH #7
(194) 5.92 185.96

+25 5.32 186.56

+50 4.77 187.11

+75 4.23 187.65

+100 3.71 188.17

+125 3.28 188.60

+150 2.78 189.10

+175 2.35 189.53

+200 2.06 189.82

+225 2.16 189.72

over Proposed Drain Line

145

Inst. Tape Wthr & Temp. Date Crew
Level 9/9/86 Morrissey

191.88

DMH #8 2.18 189.70
(227')

Rim of CB 2.66 189.22

TBM H. Pt. 1.27 190.93 2.22 189.66
of Ledge Outcrop
DMH #7
+65' Lt 22'

T.P. Ed of Rd. 0.98 182.97 8.94 181.99

T.P. Ed of Rd. 1.11 172.33 11.95 171.22

T.P. Top of Guardrail 6.60 171.35 7.58 164.75

T.P. Top of Tracer 11.87 182.94 0.28 171.07

T.P. Pt on Berm 7.22 189.90 0.26 182.68

B in Ledge
BM 17+54 Lt 36' 2.27 187.63
Farm St Layout
FB 293/144 (187.63)

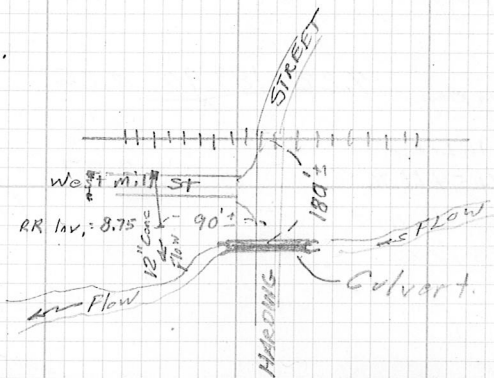


Diagram of a semi-elliptical corrugated metal culvert. The horizontal width is labeled 7.0' and the vertical height is labeled 5.5'. An arrow points to the curved top with the label "Corr. Metal Culvert".

148

TOPO ENTRANCE TO ST.
(MEDFIELD)
Crew

Inst.

Tape

Wthr & Temp.

Date

Crew

ON STA 104-150 0-0 ON 10740 OFF SET
ALL * RT.

R.R. SPIKE IN TREE
STA. 106+04 LT 32
NB 474/144

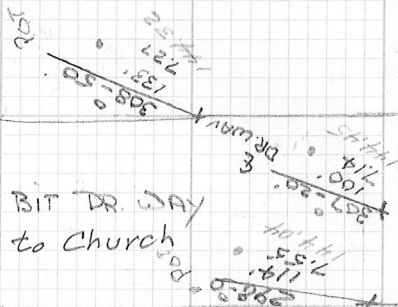
154

151.59

150.05

FIELD BOOK

475



EE

474
146

EDWARD THE CONFESSOR CATHOLIC CHURCH 149

Inst.

Tape

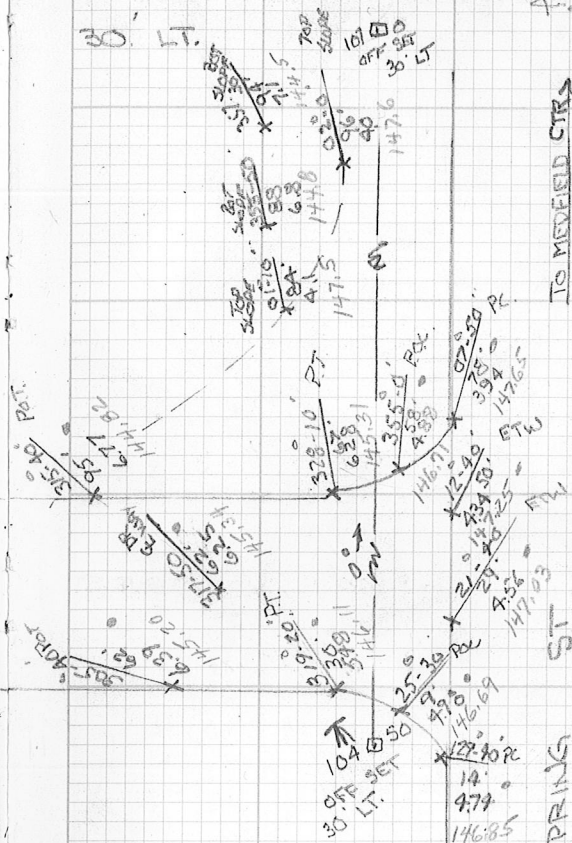
Wthr & Temp.

Date

Crew

4-21-87 CROWLEY
CANEV

30' LT.



Plotted

154 150.05 (150.05)

TO WALPOLE

495/151

150

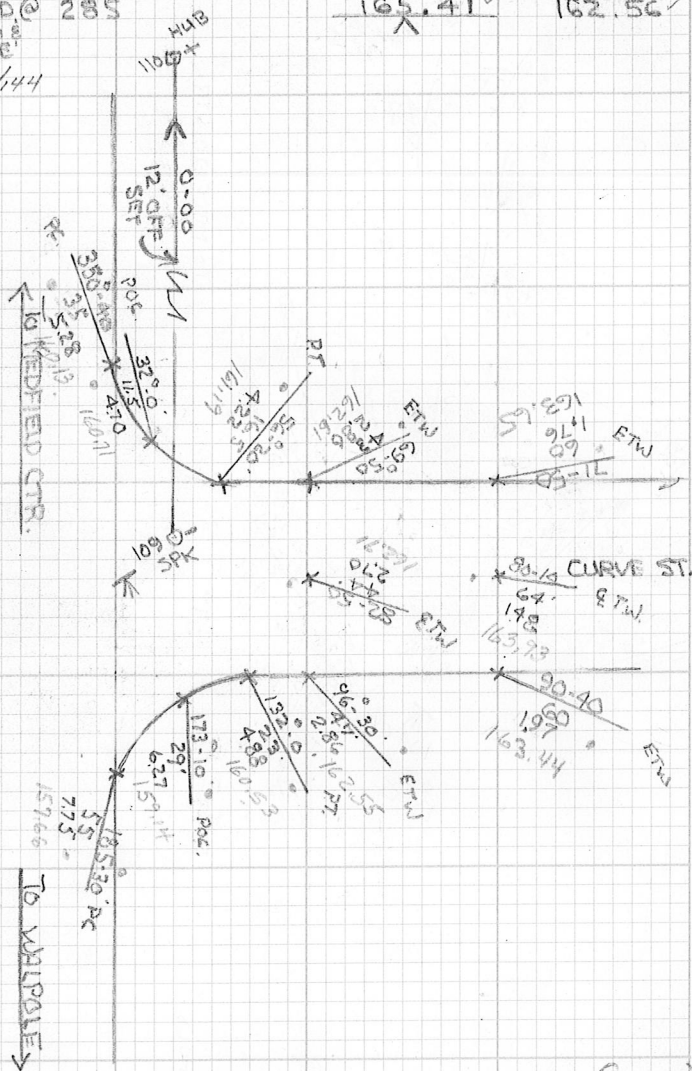
TOPO @ CURVE ST & SPRING ST

Inst. Tape
TOP HYD@ 285
SPRING &
CURVE

ON STA. 109 - 0° 00' ON 110 + 12' off SET
Wthr & Temp. Date Crew CROWLEY
165.41 ✓ 162.56 ✓ CAREW

NO 474/44

5215



285 162.56 (162.56)

Test Hole over ^{6"}Water Main

1.88 164.54 162.56
Top of main 8.20 156.34
on pavement 3.80 160.14

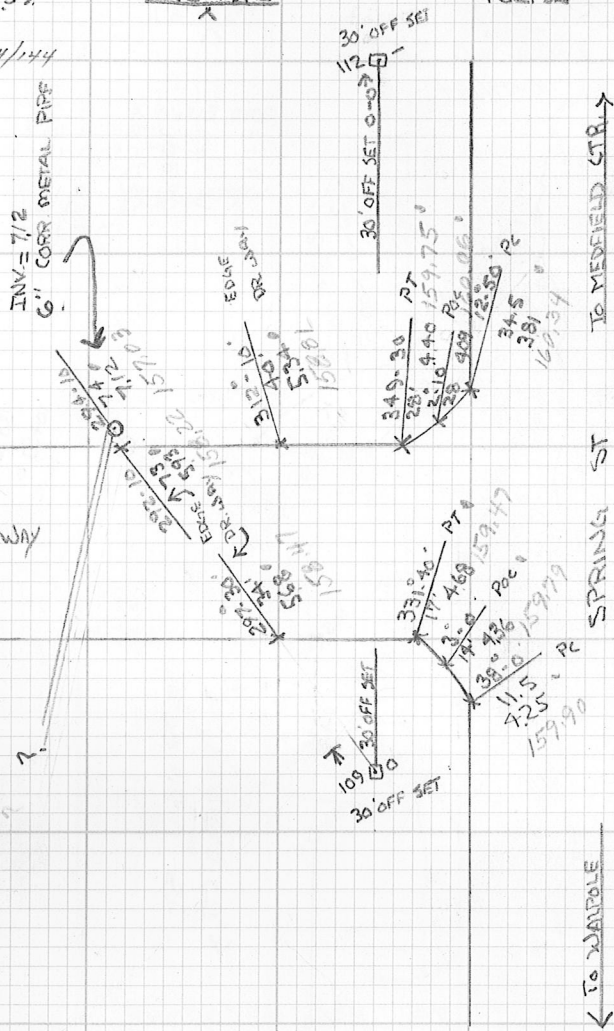
TOPO BIT DR. WAY HSE # 117 SPRING ST

Inst.	Tape	Wthr & Temp.	Date	Crew
A	ON STA 109 -	0-00 ON STA 112 -	4-22-37	CROWLEY
EPHYD 159		<u>164.15</u> ✓		CAREW
				162.56 ✓

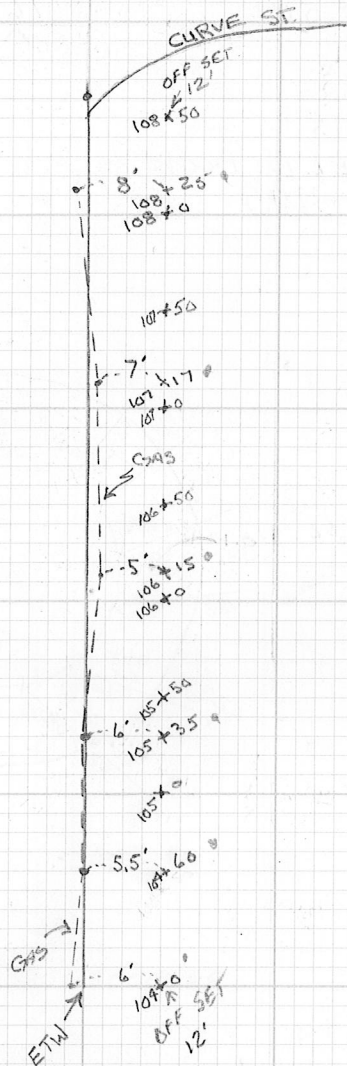
TOP HYD 159.
SPRINGS
CURVE
NO 474/144

INV. = 7/2
6" CORR. METAL PIPE

BIT. DR way



Plotted

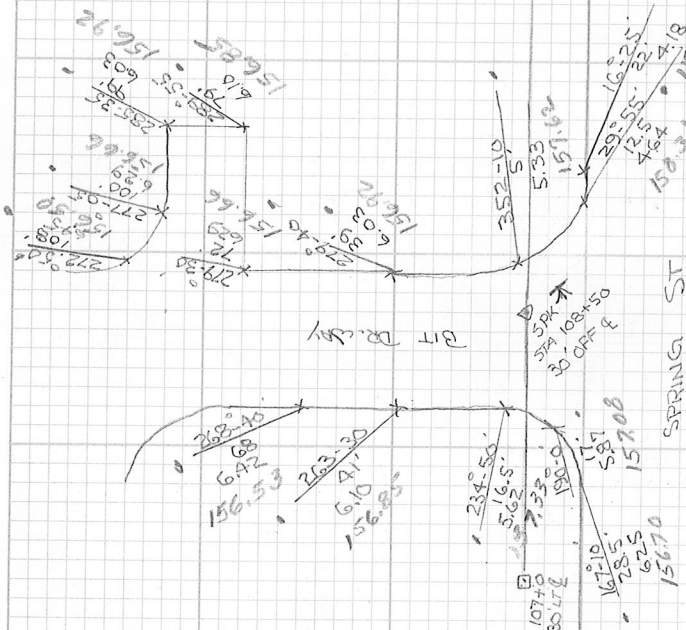


Plot 100

156 TOP LOCATION BIT DR. JAY HSE # 125
 SPRING ST. MEDFIELD

Inst.	Tape	Wthr & Temp.	Date	Crew
TOP HYD			4-24-87	CROWLEY
SPRING & CURVE ST.	0.39	162.95	162.56	CAREW

STATION 1100
 30' LT. E
 0+00
 TO RTE 109
 CURVE ST.



0.39 162.56

Plotted

Spring St. - Medfield 475/157

Inst.	Tape	Wthr & Temp.	Date	Crew
			4/27/87	Morrissey
				Crowley
				Carew

Miscellaneous Locations

Gas Shutoff 112+30.7 30' Lt.

Water Shutoff 112+17.5 32.5' Lt.

Water Shutoff 110+86.5 29.5' Lt.

Gas Shutoff 110+64.5 30.7 Lt.

Water Shutoff 109+56.5 34.5 Lt.

Prop CB 108+75 Lt.

Water Shutoff 107+58.5 27.5 Lt.

Gas Service Rt. 111+52.

P.C. of Drive 112+54.5

Pt. " " 112+56

Pt. " " 112+67

P.C. " " 112+69. 2' Roundings
 from Back of
 Walk

Water Shutoff 113+06 25' Rt.

Hyd 113+27 27' Lt.

158

Spring St. Medfield

Inst. Tape Wthr & Temp. Date Crew
 475 Apr. 29 87 Morrissey
 Crowley
 Carrow

Additional Locations

Set @ Sta 109 - 0°-0' on 103 -
 (12' RT + 7' L) (12' RT + 7' L)

GG 18°-20' 23'
 W.G. 92°-30' 32'
 W G 107°-30' 33.5'
 Hyd 99°-10' 42'
 W.G. 101°-00' 36'
 W G 240°-50' 8.5'

SMH on Curve St 257°-10' - 179'

Approx End 6" Corr 179°-50' - 72'

9.65
 .25
 9.40

151.08
 9.40
 141.68

Spring St. Medfield Drainage Const.

159

Inst. Tape Wthr & Temp. Date Crew
 Aug '87 Morrissey

RR Sp. 1/2 Tan
 BM 24" Tree Up 2' 159 151.64
 Sta 106 + 04 47 32'
 Bx 474/144

150.05

Inv of Flared End 140.75

151.64
 8.21
 143.43
 140.75

Cut 2.68 - Inv of Flared End

151.64
 11.67
 139.97

140.75

Bm. 0.68 150.73 150.05

150.73
 140.75
 9.98

150.05
 1.03
 151.08
 142.04
 9.04

9.04
 .25
 9.29
 2.50
 11.79

160/495

Inst.

Tape

Wthr & Temp.

Date

Crew

$$\begin{array}{r}
 250.57 \\
 + \quad .04 \\
 \hline
 250.57 \\
 - 10.74 \\
 \hline
 239.83 \\
 \quad \quad 13 \\
 \hline
 279.96 \\
 - 3.27 \\
 \hline
 226.69 \\
 + 2.03 \\
 \hline
 238.72 \\
 - 2.59 \\
 \hline
 236.13
 \end{array}$$

 GET FLEV
 @ POND